

Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.



THE LIVINGSTON SEED CO.

COLUMBUS, OHIO,
U.S.A.

U.S. LIBRARY,
Department of Agriculture,
Washington, D. C.



1004

AUTUMN
CATALOGUE

BULBS
PLANTS
AND SEEDS

Hardy Paeonies and Phlox.

Autumn is the time to plant.

Great Plant and Bulb Collections.

THESE COLLECTIONS MAY BE ORDERED BY NUMBERS.

No. 1

House Blooming Collection.

Four Fine Winter-Blooming Plants for the window. One plant each Chinese Primrose, *Primula Obconica*, Cyclamen and Cineraria. The 4 for **50c.**

No. 2

Fern Collection.

One plant each of the magnificent new Piersonii and Anna Foster Ferns, also one Boston Fern for only **60c.**

No. 3

Parlor Foliage Collection.

Four Strong Plants for **50c.**

One each Asparagus *Sprengerii* and *Plumosus Nanus*, Kentia Palm and Boston Fern. **50c.**

No. 4

Hardy Plant Collection.

A good chance is afforded in this collection to get a nice assortment of hardy plants. Once planted they remain for years.

One strong plant each of Peony, Phlox, Pink, Bleeding Heart, Gypsophila, Larkspur, Coreopsis and Platocodon. Eight fine plants in all. **75c.**

No. 5

Hardy Shrub Collection.

Six Good Strong Plants for **\$1.00.**

This collection covers the season very largely in time of bloom.

One each Forsythia, Deutzia, Lilac, Snowball, Hydrangea and Spirea. The 6 for **\$1.00.**

No. 6

Hardy Climber Collection.

FIVE GRAND PLANTS for **\$1.25.**

One each Akebia, *Paniculata* and *Jackmanii* Clematis, Japanese Honeysuckle and Wistaria.

No. 7

Palm Collection.

One each *Latania Bonbonica*, *Areca Lutescens*, *Kentia Belmoreana* and *Fosteriana*, and *Cocos Weddeliana*.

FIVE MOST POPULAR PALMS for **\$1.00.**

No. 8

Hardy Rose Collection.

Composed of varieties adapted to planting out in the garden. Four Splendid Hardy Roses and one Climbing Rose. Large field-grown plants for **\$1.00.**

No. 9

Cemetery Collection Plants.

EIGHT FINE PLANTS for **75c.**, postpaid.

Every plant in this collection is perfectly hardy, winter or summer, and will do well with the least amount of care, but, like all other plants, will amply repay for some attention to their wants.

2 *Achillea*, the Pearl.

1 *Golden Glow*.

1 *Hydrangea Paniculata Grandiflora*.

3 *Hardy Phlox*.

1 *Paeony*.

BULB BARGAINS.

No. 10

Superb Bedding Collection.

100 Strong Healthy Bulbs only **\$1.00.**

4 *Hyacinth*—1 single white, 1 single blue, 1 double red and 1 double pink.

14 *Tulips*—Superfine, mixed, single.

14 *Tulips*—Superfine, mixed, double.

5 *Parrot Tulips*—Lovely, mixed.

40 *Crocus*—All colors.

8 *Scilla Siberica*—Lovely blue.

8 *Snowdrop*—Single and double.

7 *Narcissus*—Assorted.

No. 11

Our Grand Potting Collection.

20 Choice Bulbs only **50c.**

All especially suitable for growing in pots for winter blooming in the house.

3 *Hyacinths*—Double and single.

5 *Freesias*—Pure white, fragrant.

2 *Allium Neapolitanum*—White, fragrant.

1 *Calla Lily*—Large, white; sure bloomer.

5 *Oxalis*—For hanging baskets or pots.

2 *Narcissus (Daffodils)*—Double, yellow.

2 *Narcissus*—Paper white. Fragrant.

No. 12

Little Gem Collection.

A Gem Indeed. 15 Bulbs only **25c.**

1 *Hyacinth*.

5 *Mammoth Freesias*.

2 *Narcissus*.

2 *Tulips*.

2 *Snowdrops*.

3 *Crocus*.

No. 13

LIVINGSTON'S TRUE BLUE COLLECTION.

18 Bulbs only **40c.**, postpaid.

Every bulb in this collection will produce charming blue flowers. Are perfectly hardy for bedding out for spring blooming or can be potted for winter blooming.

1 *Hyacinth*—Single, dark blue.

1 *Hyacinth*—Double; dark blue.

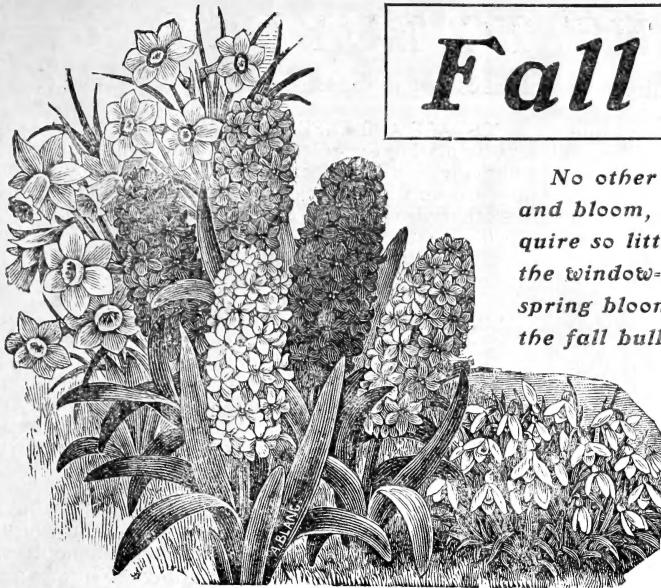
1 *Hyacinth*—Single, light blue.

1 *Hyacinth*—Double, light blue.

4 *Scilla Siberica*—Blue, bell-shaped.

4 *Grape Hyacinth*—Light blue, fragrant.

6 *Crocus*—Richest of blue.



Fall Bulbs



No other class of plants are more sure to grow and bloom, have greater beauty or fragrance, require so little care or give greater satisfaction in the window-garden in winter, or in the garden for spring blooming, than those grown from many of the fall bulbs.

Select, strong, well matured bulbs, such as we offer, are necessary to the greatest success.

CULTURAL HINTS

Outdoor Planting.

SOIL.—Any good well drained soil will grow bulbs. It should be well spaded. If it should be a heavy clay it is best to add sand and manure to make it loose. Fresh manure is injurious; well rotted manure from cow-yard, or bone meal is preferable. The surface of the beds should be slightly raised at the center so that water will run off quickly, as bulbs are liable to rot if water stands on the beds.

DON'T FORGET.—The early spring flowering bulbs, as well as those intended for winter blooming in the window, must be planted in the autumn. Many of the plants, such as Peonies, Hardy Phlox, etc., are best planted at this time also. Planting may be done at any time from the last of September to the first of January, where the ground remains unfrozen, but should be done as soon after the arrival of the bulbs as possible. We have given date of arrival of bulbs under the several headings.

DEPTHES AND DISTANCES FOR PLANTING. The rows should be from 6 to 12 inches apart, and the bulbs 2 to 8 inches deep, according to size of bulb and the condition of the soil. The larger bulbs are planted at the greatest depth. In heavy soils the average depth should be less.

WINTER PROTECTION.—When a hard crust is frozen on top of the soil, cover the beds with about 4 inches of leaves; if coarse manure or straw is used cover 6 inches. If leaves are used, throw on a little brush or earth to prevent blowing off. Where the ground does not freeze more than a slight crust, they require no protection. In the spring, say March 1st, remove half of the covering, and the balance of it as soon as plants begin pushing through the soil.

LOCATION.—They are usually planted in beds, and may be followed, after planting, with summer blooming plants without disturbing the bulbs if care is taken not to dig too deeply when setting the plants. An excellent place to plant is in with hardy shrubs or hardy perennial plants, the latter making fine backgrounds for the gay colors of the blooming bulbs. From such places they may be gathered with greater freedom than when planted in formal beds.

Hyacinths in Glasses.

Grown in this way Hyacinths are elegant ornaments for the sitting-room or parlor, and can be

grown with very little trouble. Fill the glasses with water so that the base of the bulbs will just touch it; set them away in a cool, dark cellar or closet until the roots have touched the bottom of the glasses, when they may be brought to the light.

Treatment of Bulbs in Pots.

For early flowers most varieties should be potted in September, and for a succession of flowers at intervals up to December. A very good soil for the growth of bulbs is composed of one-half good garden soil, and the remainder equal parts of well rotted manure or leaf mould and sand well mixed together. The size of pots used depends on the size of bulbs and effects desired. For one Hyacinth bulb a 5-inch pot should be used; for Tulips use 4-inch pots. A very pretty effect is produced by putting three or more Hyacinths or six or more Tulips of different colors in a 7-inch or 8-inch pot. Narcissus require about the same size pot as Hyacinths. Other bulbs likewise, according to their size.

Some broken pieces of pots, pebbles or charcoal should be placed in the bottom of each pot for drainage.

In potting, fill the pots to the rim with soil, press the bulbs into it until they are covered, then press down the soil around the sides of the pot. After thoroughly soaking the soil and pot in water they should be placed in a cool, dark situation, so as to encourage a strong growth of roots before the bulbs start at the top. A very good place is a cool cellar, or a trench may be dug in the open ground and the pots placed in it and covered with six or eight inches of soil; then cover that over with sufficient leaves or coarse manure to prevent freezing, and they may also be removed to the window as needed. If set in the cellar they will need a little water every ten days. Also protect them from mice and rats. In six or eight weeks they will have made sufficient root to admit of bringing to the light. Water freely, so that the soil may be moistened to the bottom of the pots. The use of cold coffee, occasionally, is said to increase intensity of bloom. By bringing in a few at intervals of eight or ten days, a succession of flowers may be had for months. When brought into the window they should be kept near the light, but not in the sun any great length of time; a temperature between 50 and 60 degrees is desirable.

IMPORTANT TO BUYERS

By observing the following Rules and Directions, mistakes and misunderstandings will be avoided.

ALWAYS USE THE ORDER SHEET and Envelope sent with Catalogue when possible. Write plainly, keep a copy of all your orders, and be sure to sign your Name, Post-office, County and State every time you write. We quite often receive orders where these have been omitted, and nothing can be done until complaint is received. Extra envelopes and order sheets will be sent on application.

HOW TO SEND MONEY. Remittances should always accompany order. They may be made at our risk by any of the following methods: (1st and best), *Post-Office Order*; (2nd), *Draft on New York*; (3rd) *Express Co's Money Order*; (4th), *Cash by Express in amounts not less than \$5.00*; (5th), *Cash in Registered Letters*. When money cannot be sent by either of the first four, it may be sent in a registered letter from any post-office. The rates charged for Post-Office Orders and Express Money Orders are now so low that this is the best way to remit where they can be obtained. We will bear the expense of sending money in either of above ways when order amounts to \$1.00 or over. Small amounts can be quite safely sent in stamps; coin should not be sent by mail.

POSTAGE AND EXPRESS CHARGES. Bulbs will be sent by mail or express, charges prepaid, when ordered at single or dozen rates. At the 100 rates and over they are sent by express at purchaser's expense, unless otherwise stated. *Not less than 6 of any one variety supplied at the dozen rate, 25 at 100 rates, 250 at 1000 rates.* **SEEDS** will be sent free by mail or express, unless otherwise stated.

SUBSTITUTION. It sometimes occurs that our stock of some varieties of Hyacinths and other bulbs become exhausted before the close of the season, in which case we shall take the liberty of substituting others of the same color and price, being equally as good, if not superior to the ones ordered. Should any of our customers object to this course, they will please so state in their orders.

WHEN TO ORDER. Send in your order for Bulbs as soon as you receive this Catalogue, as most bulbs offered in this list are spring bloomers and should be planted from September to December. We are prepared to fill orders at once, with few exceptions, and these will follow a little later.

TRUE BLUE BULBS

Allium Neopolitanum

Bulbs ready in September.

The Allium is a free-flowering, fragrant and beautiful winter blooming plant having clusters of delicate white flowers on stems 15 to 20 inches high and which are in bloom for a month or more. Plant 3 to 6 bulbs in a single pot. Nothing pays better than a few Allium bulbs. They can also be planted outside, as they are very hardy. Each, 2c.; dozen, 20c.

Anemone

Bulbs ready in September.

They require some protection, although quite hardy, and will thrive in good garden soil, but are partial to shaded positions for the greater portion of the day. The poppy-like flowers are very handsome and give greatest satisfaction. The single varieties contain the brightest colors.

Single—Brightest colors mixed Each, 2c.; dozen, 20c.
Double—All colors mixed Each, 3c.; dozen, 25c.

Crocus

Bulbs ready in September.

These are the small, pretty blooms frequently seen on lawns in early spring. The colors are white, blue, yellow and striped. Nothing is easier grown, being very hardy. Plant the bulb out by taking a knife with a stiff blade, raise the sod and place the bulb 2 or 3 inches deep, replacing the sod, pressing it down with the foot. This is all that is necessary. They bloom and disappear before the lawn needs cutting, hence not objectionable. Nothing is more effective, also, for borders in beds of bulbs, and are very easily grown in pots or pans of dirt or sand if kept quite cool. Named varieties are prolific bloomers, producing several blooms from a single bulb. Price per dozen and 100 include postage.

	DOZ.	100	1000
Albion—Large, deep purple flower	12	65	5 00
Baron von Brunow—Large, deep rich purple	12	65	5 00
Cloth of Gold—Deep yellow, striped brown	12	65	5 00
Cloth of Silver—Small, silvery-white, striped lilac; early	12	65	5 00
La Majestuense—White, striped blue	12	65	5 00
Livingston's True Blue—Richest of blues	15	75	6 00
Madame Mina—White, with violet stripes	12	65	5 00
Mammoth Yellow—Large flowers—first size	15	75	6 00
Mammoth White—Large, pure white	12	65	5 00
Prince Albert—Blue; very fine	12	65	5 00
Queen Victoria—Fine; pure white	12	65	5 00
Sir Walter Scott—Extra large; striped purple and white	12	65	5 00
Mixed Named Crocus The above sorts in choice mixture	12	50	4 00



Crocus Bloom.

Freesia

Bulbs ready in August.

One of the most popular and charming bulbs we offer for pot culture for flowering in the winter and spring. Six or eight bulbs should be planted in a 5-inch pot. They will start almost at once, and if planted early can be had in bloom by Christmas. By having a dozen or more pots at intervals they can be brought in, a few pots at a time, thereby keeping up a continuous display of bloom throughout the winter. The flowers are produced six to eight on stems about nine inches high, and are very useful for cutting, remaining in good condition, if kept in water, for two weeks.

REFRACTA ALBA — Flowers pure white with yellow throat and exquisitely fragrant. **Extra Large Bulbs**, 2 for 5c.; dozen, 25c.; 100, \$1.40. **First Size Bulbs**, 3 for 5c.; dozen, 15c.; 100, \$1.00, postpaid.

Crocus Mixtures

	DOZ.	100	1000
Blue and Purple mixed	10	40	\$3.00
Striped and Variegated	10	40	3.00
White Varieties	10	40	3.00
Yellow—good bulbs	10	50	4.50
All Colors Mixed—fine assortment	10	35	2.50

Dutch Hyacinths

Are rightly given a large space in catalogues on account of their great popularity. Their pretty flower spikes are a sure reward without regard to mode of culture, and will bloom at any time (if properly planted) between early December and late May.

Planted outdoors they are one of our earliest and prettiest spring flowers. For windows in winter they are almost indispensable.

The colors and forms suit all tastes—rich dark crimson tints, purple and red, or soft tones of pink, blue and primrose, ivy or pure white.

The Roman Hyacinths are the perfection of lightness and grace and come into bloom very quickly, while the heavy, rich flower stalks of the Dutch Hyacinths are often so large as to require staking. They bloom later than the Roman.

We do not hesitate to offer our bulbs as strictly first-class, as we import them direct from Holland, and do not try to compete with prices of common graded bulbs. Ours are the "True Blue" kind, just like the seeds on which we have made our reputation. The varieties named below are the very best selections.

Livingston's Superb Single Named Hyacinths

Ready for delivery in September.

These are, under any method of culture, more easily grown than the double ones, and produce larger and more flower spikes. They are especially preferable for growing in pots or vases of water. Named varieties should always be used to obtain the best results, especially for the house, as they are not only chosen for large size but distinctness of colors.

Price of any of the following Hyacinths, except as noted, each, 10c.; dozen, your selection, \$1.00.

Single and dozen prices include postage. Not less than 3 of any one kind supplied at the dozen rate, and not less than 25 at the 100 rate.

SINGLE WHITE

Baron von Thuyll, White—Large compact truss of many bells; one of the best.

Blanchard—Extra long spikes; pure white.

Grande Merveille—Finest blush white; extra fine truss.

Grand Vidette—Extra large; early; pure white.

La Franchise—Rose white; large bells; extra fine.

La Grandesse—Large bells; the finest pure white.

Mad. van der Hoop—Pure white; large bells.

Voltaire—Pale blushed; fine spike.

SINGLE BLUE

Baron von Thuyll, Blue—Dark bright blue; compact truss.

Charles Dickens, Blue—Porcelain blue, shaded with purple; compact spike. Sure to please.

Grand Lilas—Extra fine porcelain blue; very large spike and bells. One of the finest.

Grand Maitre—A grand variety. Deep porcelain blue. Large bulb.

King of the Blues—Dark, glossy, indigo-blue; extra large truss. Finest dark blue.

La Peyrous—Fine light blue; large bells; good spike. Fine for beds.

Mary—Very beautiful sort, having a large spike.

Regulus—Extra large bells; clear blue.

SINGLE RED AND ROSE

Gertrude—Delicate pink; extra large spike.

Gigantea—Blush pink; large spike.

Lord Macaulay—Extra dark rose, with white eye; large bells.

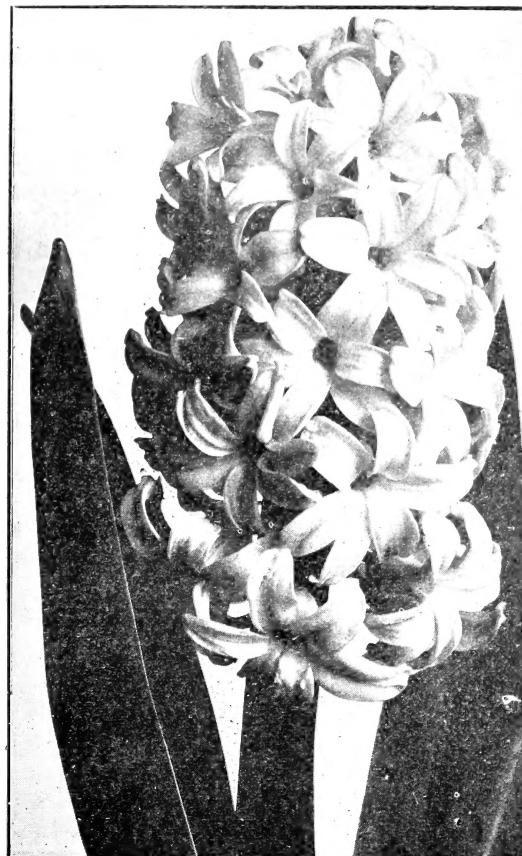
Norma—Delicate waxy blush-pink, with darker stripe; large bells; extra fine; early.

Charles Dickens, Pink—Delicate pink; extra large spike.

Robert Steiger—Fine deep crimson; large truss.

Roi des Belges—Bright scarlet; fine truss.

Rosea Maxima—Delicate pink, having fine large spike.



Single Hyacinth.

SINGLE YELLOW

Herman—Fine orange-yellow; large bells.

Price of Hyacinths on this page, except as noted, each 10c.; dozen, your selection, for \$1.00.

Livingston's Single Mixed Bedding Hyacinths

The following mixtures are especially desirable for bedding purposes, when a grand display is wanted, at low cost. They are also used in large quantities by florists. For pot culture in the house, we would advise planting several bulbs, say three, to a 5-inch pot.

At the single and dozen rate we pay postage. At the 100 rate purchaser pays express charges.

	EACH	DOZEN	100
Red—Mixed shades.....	6c.	60c.	\$3 50
Rose.....	6c.	60c.	3 50
Pure White.....	6c.	60c.	3 50
White, Tinted.....	6c.	60c.	3 50
Light Blue.....	6c.	60c.	3 30
Dark Blue and Purple.....	6c.	60c.	3 50
Yellow.....	6c.	60c.	3 50
Mixed—All colors.....	6c.	60c.	3 25

Hyacinth Collection

For Growing in Water

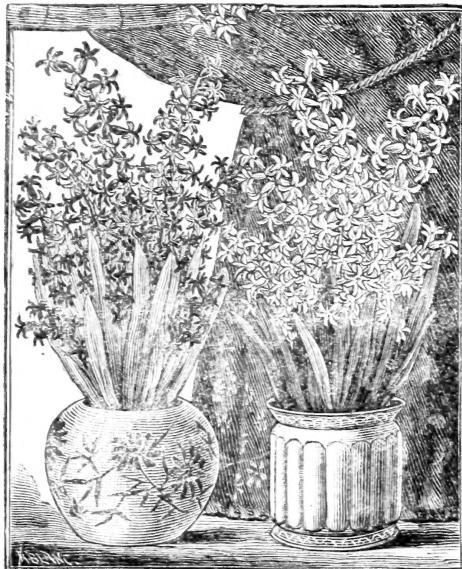
These are especially adapted to water culture. **6** Distinct Varieties, **50 cts.** our selection,

Hyacinth Collection

For Growing in Pots

This collection may be depended on to produce some extra large and beautiful spikes.

SIX Distinct Varieties, our selection, 50 cts.



Roman Hyacinths.

Roman Hyacinths

Ready in September.

The Roman Hyacinths differ from the ordinary Dutch Hyacinth, producing greater abundance of bloom, each bulb throwing up several graceful spikes (see cut.) The delicious fragrance, earliness and profusion of bloom have made Roman Hyacinths exceedingly popular. Good results can be obtained by planting half a dozen bulbs in a 6-inch pot or pan.

Early White Roman—Large, fine bulbs; very early.

Each, 5c.; doz., 50c., postpaid. By express, 100 for \$3.25

Early Blue Roman.....Each, 5c.; doz., 50c., postpaid

Early Pink Roman.....Each, 5c.; doz., 50c., postpaid

Miniature or Dutch Roman Hyacinths

Ready in September.

These are small, single-flowering Dutch Hyacinths which produce good spikes of bloom, and are especially desirable for potting, as they may be planted closely together—10 or 12 in an 8-inch pot or bulb pan—and when in bloom make a beautiful display. They are equally valuable for bedding in open ground. Their low cost admits of liberal planting. They bloom quite early and very freely.

We can supply them in **Red, Blue, Pink, White and Mixed.**

Each, 4c.; doz., 40c., postpaid. 100, \$2.50, by express

DUTCH HYACINTH COLLECTION

- 1 Delicate Pink; very chaste. Single.
- 1 Snow White. Single. Large and fine.
- 1 Single Porcelain Blue. A beauty.
- 1 Finest Dark Blue. Single.
- 1 Bright Scarlet. A lovely single.
- 1 Rich Red. Double. Large truss.
- 1 Lovely Light Blue. Double.
- 1 Pure White. Large. Double.
- 1 Double Yellow. Beautiful.
- 1 Blush White. Double. Charming.

10 Fine Healthy Bulbs for only 75c.

LIVINGSTON'S Superb Double Named Hyacinths

Ready for Delivery in September.

The Double varieties of Hyacinths are not so easily grown to perfection in pots, but when bedded out they do nearly as well as the single varieties. We have had some fine specimens in pots, however, and we think it pays to use some each season. The following will be found the cream of the list.

RED AND ROSE

Bouquet Royal—Fine rose, with red center; very double; extra fine spike.

Bouquet Tendre—Dark carmine red; early; good truss.

Czar Nicholas—Delicate light pink; early.

Grootvoorst—Blush pink; large spike.

DOUBLE WHITE

La tour d'Auvergne—Earliest pure white; large bells.

La Virginite—Pure white, red center.

DOUBLE BLUE

Bloksburg—Good spike. Finest double light blue in cultivation.

Garrick—Light blue; dark center; extra large spike.

Prince of Saxony—Semi-double; violet shade.

Price of any of the above superb sorts, each, 10c.; dozen, your selection, \$1.00.

Livingston's Double Mixed Bedding Hyacinths

These mixtures, like our Single Bedding Mixed, are intended for bedding out in the open ground, in fact, we do not advise their use for pot culture, the named sorts listed above being so much better for this purpose. Our mixtures are of good size, and frequently contain bulbs which would be considered "first size" by many dealers.

Single and dozen prices include postage. At the 100 rate the purchaser pays express charges.

	EACH	DOZEN	100
Red —Mixed shades	6c.	65c.	\$3.75
Rose	6c.	65c.	3.75
True White	6c.	65c.	3.75
White, Tinted	6c.	65c.	3.75
Light Blue	6c.	65c.	3.75
Dark Blue and Purple	6c.	65c.	3.75
Yellow	6c.	65c.	3.75
Mixed —All colors	6c.	60c.	3.50

Grape Hyacinths

Ready in September.

A charming class of perfectly hardy little plants, producing their bloom similar to a Lily of the Valley. They should be found in every garden. Plant in clumps for best effects. May also be grown in pots during winter, using half dozen bulbs to a 3-inch pot.

Blue Grape Hyacinths.....Doz., 10c.; 100, 50c., postpaid

White Grape Hyacinths.....Doz., 15c.; 100, 85c., postpaid



HYACINTH BEDDING SUGGESTION.—Use Pink for center, and follow with White, Lavender, White, and Dark Blue for outside row.



HARRISSI

HARRISSI, or TRUE BERMUDA LILY—Pure white, very fragrant, and a remarkable profusion of bloom, characterize this charming and celebrated Easter Lily. It is a magnificent variety for church decoration at Easter, and tens of thousands are grown for this purpose alone. Our first size bulbs will bear from 8 to 12 flowers, and smaller sizes 4 to 6. **Not hardy in our climate unless very well protected.** Bulbs ready for planting in September.

The **TRUE** Bermuda Easter Lily—Price, by mail, postpaid, Mammoth Bulbs, each, 35c.; doz., \$3.50. Medium Size Bulbs, each, 20c.; doz., \$2.00. Small Size Bulbs, 15c.; doz., \$1.25.

LONGIFLORUM—Has long white trumpet-shaped bloom. Excellent for growing in pots, also for bedding out, as it is quite hardy. It needs some protection, however, at the North. Blooms in June.

DOUBLE TIGER LILY (*Tigridium Flora Plena*)—Hardy. Beautiful orange-red flowers, spotted with black. Double and showy. Grows 4 to 6 feet in height, and begin blooming early in August.

CANDIDUM—Hardy. This beautiful garden Lily has pure white flowers, with heavy yellow stamens, and exquisitely fragrant. Bears from 5 to 20 blossoms. Must be planted in early autumn to succeed well, as it makes its leaf growth at once after planting, and begins itself for early flowering. Begins blooming in June. A good potting variety also. Fine Bulbs, ready for planting, August to October. Each, 15c.; doz., \$1.50. 100, not prepaid, \$7.50

TENUIFOLIUM—A very early sort having small scarlet blooms borne on slender stems 18 to 24 inches in height. Very easily grown in pots, and a beauty for cutting. If planted outside it must be well protected. Each, 20c.

Special Lily Offer

One each of above seven splendid **HARDY** varieties, namely, **AURATUM**, **RUBRUM**, **ROSEUM**, **ALBUM**, **LONGIFOLIUM**, **TIGER** and **CANDIDUM**—covering almost the entire season in time of blooming, for **Only 90 CENTS, postpaid.**



Lily Auratum.

Ixias Ready in September

The flowers of the Ixias are produced in spikes, and are of many brilliant and dazzling shades. They are equally good for outside planting or window garden. When grown in pots, use six or eight bulbs to a 5-inch pot, and otherwise treat same as other fall bulbs. Give plenty of water, sunshine and air when about to bloom and you will well be repaid for the small cost of the bulbs.

All colors, assorted..... Each, 3c.; doz., 15c.; 100, \$1.00, postpaid

Jonquils Ready in September

Sometimes Daffodils are called Jonquils, but this is wrong; Jonquils are smaller, very fragrant, and more delicate than most Daffodils.

Single Jonquils—Single deep golden-yellow flowers, powerfully scented. Good for forcing. 2 for 5c.; doz., 15c.; 2 doz., 25c.

Double Jonquils—Double deep golden-yellow flowers, powerfully scented. Good for forcing. Each, 4c.; doz., 30c.

Campernelle—Large 6-lobed yellow flowers; four to six on a stem 2 for 5c.; doz., 15c.

Regulosis (Giant Jonquil)—Broad perianth, with broad cup. Pure yellow and very fragrant. Each, 3c.; doz., 25c.

Harrissi and Candidum are ready in August.

Other varieties not until October and November.

Lilies

Very rightly named "Queen of Flowers." Of faultless beauty and purity. They grow more popular each season. Many of them being hardy, hence, when once planted, they are good for years with little additional care.

Lilies for Bedding should be ordered as early as possible, to be forwarded immediately on receipt of bulbs. They require little care beyond that of protecting them well in winter by using a liberal supply of coarse manure or leaves; also mulch on the ground about the plant should be used in summer, as the rays of the hot sun may injure them. A well-drained soil suits them best. Manure should not come in contact with the bulb. They should be planted about six inches deep. Our list is made up of varieties which are easily grown.

Pot Culture.—Put them in 5 or 6-inch pots, using a compost of one-half rich loamy soil, one-fourth well-rotted cow manure and one-fourth of clean sharp sand; also some broken pieces of pots and charcoal in the bottom of pot for drainage. Place the bulb in the center of the pot.

AURATUM (Golden-Rayed Lily of Japan)—Hardy. Beyond question the grandest of all the Lily family. Flowers pure white, thickly studded with crimson spots, while through the center of each petal runs a clear golden band. Fully expanded, the flowers are of very large size. They are produced abundantly from July to October, and possess a most delicious fragrance. Blooms about July 15th. First Size Bulbs, each, 20c., 6 for \$1.00. Mammoth Bulbs, each, 30c., 4 for \$1.00, postpaid.

SPECIOSUM RUBRUM (*Lancifolium Rubrum*)—Hardy. White, heavily spotted with rich crimson spots. The Speciosum and its varieties are magnificent border plants, and are also excellent for pot culture. Height about 3 feet. Blooms about August 15th. Each, 15c., 2 for 25c., postpaid

SPECIOSUM ALBUM—Hardy. Pure white. Blooms about August 15th. Each, 15c., 2 for 25c., postpaid

SPECIOSUM ROSEUM—Hardy. White, stained and spotted rose; very beautiful. Height about 3 feet. Blooms about August 15th. Each, 15c., 2 for 25c., postpaid



Lily Speciosum.



Double Narcissus. Daffodils

The Double Narcissus are all hardy, and may be bedded out with perfect safety.

Alba Plena Odorata—For bedding only. Pure white; very fragrant. Each, 3c.; doz., 25c.

Incomparable—“Butter and Eggs.” Full, double flowers of rich yellow; good also for potting. Each, 3c.; doz., 25c.

Orange Phoenix—“Eggs and Bacon.” Double, white and orange flowers; splendid also for pot culture. Each, 4c.; doz., 35c.

Sulphur or Silver Phoenix—Large, beautiful creamy-white flowers; fine also for pot culture. Each, 8c.; doz., 80c.

VON SION—The famous old “Double Yellow Daffodil.” Rich golden-yellow perianth and trumpet; flowers large and of fine form; has long stems. One of the best forcing varieties. Fine for bedding. Excellent for growing in pots or pans. Great quantities are grown annually. Our bulbs are extra fine, of the pure golden-yellow strain. Perfectly hardy. Selected Bulbs, each, 4c.; doz., 35c., postpaid; 100 for \$2.00, not prepaid.

DOUBLE NOSE VON SION—Extra large bulbs, capable of producing two to three flowers each. Each, 5c.; doz., 40c., postpaid; 100 for \$2.50, not prepaid.

SPECIAL OFFER.—One bulb each of above 5 choice Double Narcissus for 20c. Three each of the 5 varieties for 50c., postpaid.

MRS. LUTHER FOLEY, Fayette Co., Ky., writes: We sent to you and got 200 bulbs—Hyacinths, Tulips and Narcissus—and we were delighted with them. They were beautiful.

B. F. BEACH, Macoupin Co., Ill., writes: The second lot of bulbs came to hand and am quite delighted with them. I can certainly recommend your Comprny for generosity and fair dealing.

See second page of cover to this Catalogue for some
VALUABLE COLLECTIONS.

Narcissus or— Daffodils

No flower of the whole bulb family gives better satisfaction to the grower than the Narcissus.

The varieties in form of flower and shades of color are almost endless. Of easy culture, and sure bloomers. There is such a variety that they may be had the entire season.

The cultivation in pots is the same as for other fall bulbs (see page 1) except that three or four weeks in the dark will be long enough for them to root.

The Polyanthus sorts bloom in clusters, are not hardy, but the single and double varieties are all hardy.

Single and dozen prices include postage. Persons who wish to pay their own express charges, may deduct 5c. per dozen. At the 100 rate the bulbs are sent by express at purchaser's expense.

Single Narcissus. Daffodils.

Bicolor Victoria—This splendid sort has snow-white perianth and golden trumpet of large size and a fine bloom. Each, 10c.; doz., \$1.00

Bicolor Horsfieldii—Very large, pure white perianth, rich golden-yellow trumpet. Each, 5c.; doz., 50c.

Bulbocodium (Hoop Petticoat)—A rich yellow; dwarf. Each, 7c.; doz., 75c.

Golden Spur—The earliest of all; large yellow trumpet. Each, 6c.; doz., 60c.

Extra fine. Each, 3c.; doz., 25c.

Stella—Large white perianth, yellow cup. Each, 5c.; doz., 50c.

Poeticus Ornatus—White, with saffron cup and red eye. Early, and of great beauty. Each, 3c.; doz., 25c.

Poeticus—Similar to above, but comes into bloom a month later. Each, 3c.; doz., 20c.

Principes—Sulphur-white perianth, deep yellow trumpet; early; hand-some. Each, 3c.; doz., 30c.

Trumpet Major—Golden-yellow petals and trumpet; free bloomer; first-class; extra early. Each, 3c.; doz., 30c.

SPECIAL OFFER.—One bulb each of above 9 Single Narcissus for 40c. Three each of the 9 varieties for \$1.00.

Polyanthus Narcissus.

Especially good as pot plants. They come into bloom early, can be grown in glasses of water, or in pots, and are very fragrant. They are not hardy.

Gloriosa—White, deep orange cup. Each, 5c.; doz., 50c.

Grand Monarque—White, lemon cup; very large. Each, 5c.; doz., 50c.

Grand Primo—White, lemon cup. Each, 5c.; doz., 50c.

Grand Soleil d'Or—Yellow, orange cup; a beauty; free blooming. Each, 5c.; doz., 50c.

Jaune Supreme—Primrose; beautiful yellow cup. Each, 5c.; doz., 50c.

PAPER WHITE GRANDIFLORA—Vigorous grower, pure white flower, early, with large individual flowers. A splendid forcing in pots. Can be had in bloom by Christmas. Can also be grown in dishes of water the same as Chinese Sacred Lily, will bloom in less time and have larger flowers. Very fragrant. Not hardy. Each, 5c.; doz., 40c., postpaid; 100 for \$1.75, not prepaid.

Paper White—Earlier than Grandiflora, but blooms are not so large. Very fragrant. Each, 4c.; doz., 35c., postpaid; 100 for \$1.50, not prepaid.

SPECIAL OFFER.—One bulb each of above 6 Polyanthus Narcissus for 25c. Three each of the 6 varieties for 70c., postpaid.

Narcissus (Daffodils) Collection

16 Beautiful Bulbs for only 50c.

A FINE COLLECTION. TRY IT.

2 **Stella**—Single, large, white, with charming yellow cup.

2 **Poeticus Ornatus**—Single, white, with yellow cup and red eye. A beauty.

2 **Trumpet Major**—Has golden-yellow trumpet and petals.

Extra early, single.

2 **Incomparable**—The good old “Butter and Eggs” variety.

A rich, double yellow.

2 **Von Sion**—The famous double yellow Daffodil. Large, full trumpet.

2 **Paper White Grandiflora**—The grand, pure white single, early sort. In bloom by holidays.

2 **Alba Plena Odorata**—Double, pure white, very fragrant.

2 **Principes**—White, with deep yellow trumpet. A hand-some single variety.

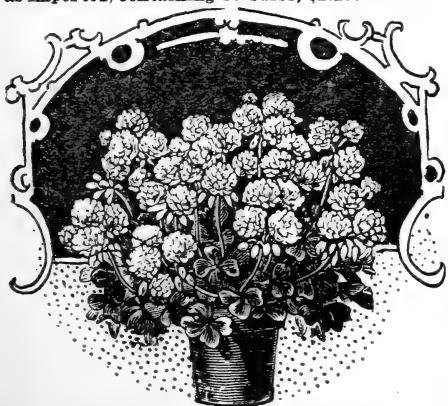


Chinese Sacred Lily

Oriental Narcissus, or Flower of the Gods.

The Chinese Sacred Lily is properly a Narcissus of the Polyanthus type. They are grown by the Chinese for decorating their temples on their New Year's day. The bulbs are large and produce a profusion of bloom in an incredibly short time, usually not more than 4 to 6 weeks from the time of planting. The growth of foliage is surmounted by clusters of white and yellow flowers with golden cups, and make a fine show when in full bloom. Being partially aquatic, this plant must have plenty of water. Take a shallow bowl, cover the bottom with an inch or two of sand or small pebbles, set the bulb on this and put enough gravel around it to keep it from falling over when growing. Fill the bowl with water half way up the bulb; place in a light window where the sun will not shine on it. They may also be grown in soil, which should be light and sandy. They produce finer blooms when grown in soil, but it takes a little longer for them to come into bloom. Begin planting about October 1st, and for succession every week until Christmas. Succeeds best in a temperature of about 50 degrees. We import our Sacred Lily bulbs direct from China, and they are choice, well matured bulbs.

PRICES.—By mail, prepaid, each, 12c.; doz., \$1.25. By express, not prepaid, doz., \$1.00. Original Chinese baskets, as imported, containing 30 bulbs, \$2.25.



Oxalis, Double Yellow (Lutea Double)

Ornithogalum

A beautiful plant, producing pearly white flowers with a jet black center, and having a delightful aromatic perfume. The flower stems are 18 to 24 inches, and the blooms remain perfect for a long time, making them valuable for cutting. They do equally well in house or garden, being very hardy.

Arabicum—Large bulbs. Each, 5c.; doz., 50c., postpaid

Ranunculus

Requires a cool situation, and deep, rich, well-drained soil. Plant in autumn. The bulbs have tooth-like prongs or claws, and these should be planted downward 3 inches deep, 6 inches apart, and give plenty of protection during winter. In Northern climates they should be grown in pots in the house only.

Persian—Mixed, all sorts Each, 3c.; doz., 20c., postpaid

French—Mixed, all sorts Each, 3c.; doz., 20c., postpaid

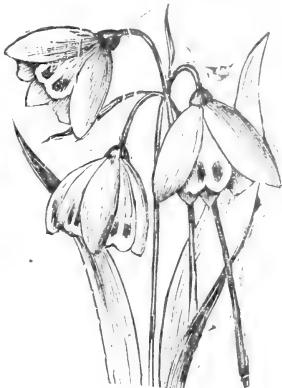
Turban—Mixed, all sorts Each, 3c.; doz., 20c., postpaid

Snowdrops

The Snowdrop is one of the very earliest flowers to greet us in spring with their nodding blooms of pure white flowers borne on stems about 6 inches high. They come a few days earlier than the Crocus, appearing frequently in March, before the snow has scarcely gone. The single variety comes a little the earliest. They are planted over the lawn or in masses, making a pleasing contrast when combined with Scilla or Crocus. May also be potted and had in bloom by Christmas. They are becoming general favorites. Everyone should have a few Snowdrops. They are so cheap.

Single—2 for 5c.; doz., 15c.; 100 for 85c., postpaid.

Double—3 for 10c.; doz., 25c.; 100 for \$1.50, postpaid.



Snowdrops.

Scilla Siberica

Scilla Siberica is one of the hardiest bulbs we have, and are very valuable for a permanent edging to bed or border. They are very useful in combination with Crocus or Snowdrops. Their intensely blue bell-shaped flowers are exquisite. They are also grown in pots, 6 or 8 bulbs to a 5-inch pot. 2 for 5c.; doz., 20c.; 100 for \$1.25, postpaid.



Oxalis

They are especially adapted to growing in hanging baskets or pots. Are easily grown, and produce large quantities of brilliant bloom throughout the winter. Six to eight bulbs should be planted in a 5-inch pot or hanging basket. Give partial shade when in bloom and the flowers will last much longer.

Bowii—Bright rose 3 for 10c.; doz., 25c.

Lutea, Single—Pure canary-yellow 3 for 10c.; doz., 25c.

Lutea, Double—Very double; bright yellow Each, 4c.; doz., 35c.

Alba—White 3 for 10c.; doz., 25c.

Bermuda Buttercup—An improved variety of Cernua Lutea, producing plants of much larger size than common sorts, hence one bulb is sufficient for a 6-inch pot. Flowers of pure glossy buttercup-yellow, produced in great abundance. A splendid winter-blooming pot plant. Each, 4c.; doz., 40c.

Mixed Colors 4 for 10c.; doz., 20c.; 100 for \$1.00

An order sent us for Bulbs, etc., secures not only our Fall Catalogue of Hyacinths, Tulips, Narcissus, and other Bulbs, but also our 100-page **SEED ANNUAL FOR 1905**.

Tulips

The Tulip supplies a brilliancy of coloring not approached by any other flower in spring. The rich shades and markings on its petals are as varied as they are bright. They are very highly appreciated, after the long barren winter time, as they come into bloom almost before the frost is out of the ground. They are very hardy, are easy to grow, and can remain in the ground for several years without disturbing, and will produce flowers almost equal to those of the first year. To make sure, however, that none have rotted or been eaten by worms, it is best to dig them up at least every second season in the fall and replant, replacing all missing bulbs with new ones.

Our bulbs are the real "True Blue" kind.

The named varieties should always be used when it is desirable to carry out designs in colors. Select the varieties that bloom at the same time, and grow about the same height. Should you desire a tall variety, put it in the middle of the bed. The sorts that bloom together are indicated by the letters A, B, C, preceding each. The height to which they grow (in inches) is indicated by figures preceding the name of each. One of the best ways to plant, to produce a strong effect, is in masses, all of one color.

Our prices by single and dozen include postage. When shipped by express, at purchaser's expense, deduct 5c. per dozen from the dozen price. Prices by the 100 do not include postage.

Livingston's Selected Single Early Tulips

All Single varieties are suitable for growing in pots, and if the early varieties are started in September they will bloom in December. They should be planted from 3 to 12 bulbs in a single pot. By potting some of the late single varieties a succession or bloom will be produced.

A 6 Adelaine —Violet. Very fine	Each, 3c.; doz., 30c.; 100, \$2.00
B 9 Belle Alliance —Brilliant scarlet. Fine for potting or bedding	Each, 4c.; doz., 40c.; 100, \$2.75
B 8 Cardinals Hat —Dark red, bordered brown	Each, 3c.; doz., 25c.; 100, \$1.25
B 9 Chrysolora —Golden yellow; large and handsome	Each, 3c.; doz., 25c.; 100, \$1.25
B 6 Cottage Maid —White, with rose edge. A charming variety	Each, 3c.; doz., 25c.; 100, \$1.25
B 7 Couleur Cardinal —Rich brilliant red	Each, 5c.; doz., 50c.; 100, \$4.00
B 9 Crimson King —Fine scarlet bedder; large flowers	Each, 3c.; doz., 30c.; 100, \$1.75
B 9 Duchess de Parma —Orange red, banded yellow. Very large and fine	Each, 3c.; doz., 25c.; 100, \$1.25
B 9 Grand Master of Malta —A dark red, with white border. Extra fine	Each, 5c.; doz., 40c.; 100, \$3.00
B 9 Keizerkroon —Red, bordered with yellow; extra large flowers	Each, 3c.; doz., 30c.; 100, \$1.75
B 7 La Immacule —Pure white. Very early and fine	Each, 3c.; doz., 25c.; 100, \$1.25
B 7 La Reine —White, faintly tinted rose. The best forerunner	Each, 3c.; doz., 25c.; 100, \$1.25
B 9 Mon. Tresor —Fine yellow; extra large	Each, 5c.; doz., 40c.; 100, \$3.00
A 6 Ophir d'Or —Very large, deep, pure golden yellow. Fine for potting	Each, 3c.; doz., 30c.; 100, \$2.00
A 8 Pottebaker —White. Fine large flowers; good form	Each, 3c.; doz., 30c.; 100, \$2.00
B 12 Proserpine —"Queen of Tulips." Very large, Rich, silky, carmine rose	Each, 5c.; doz., 50c.; 100, \$3.75
B 8 Rachael Ruisch —Rose-y pink. Fine for bedding	Each, 3c.; doz., 30c.; 100, \$1.50
B 8 Rembrandt —Bright scarlet; superb, large flower	Each, 4c.; doz., 35c.; 100, \$2.50
B 6 Rose Griselin —Soft rose, shaded white. Very fine	Each, 3c.; doz., 30c.; 100, \$1.75
B 7 Silver Standard —White, with crimson stripes; beautiful	Each, 3c.; doz., 30c.; 100, \$2.00
C 7 Wouverman —A splendid dark violet; very large; beautiful	Each, 3c.; doz., 30c.; 100, \$2.00
B 9 Yellow Prince —This variety is especially desirable for growing in pots, because of its large bloom, carmine and fragrance	Each, 3c.; doz., 30c.; 100, \$1.50



Single Tulips.

Duc van Thol Tulips

The Duc van Thol Tulips are the earliest of all, grow only about six inches in height, are quite fragrant, and are especially desirable for potting.

Gold Fringed —Red, striped with yellow	Each, 3c.; doz., 30c.; 100, \$1.50
Orange —Terra cotta	Each, 4c.; doz., 35c.; 100, \$2.25
Red and Yellow —Fine	Each, 4c.; doz., 30c.; 100, \$1.75
Rose —Fine pink; opens white	Each, 5c.; doz., 40c.; 100, \$3.00
Scarlet —Millions are used for forcing	Each, 4c.; doz., 30c.; 100, \$1.75
White —Pure white	Each, 4c.; doz., 35c.; 100, \$2.50
Yellow —Dark citron yellow	Each, 5c.; doz., 40c.; 100, \$3.00
Duc van Thol , mixed, all colors	Doz., 30c.; 100, \$1.75

Single Late or Show Tulips

Used largely for bedding out in open ground in conjunction with our Single Early varieties, and thereby very materially extending the blooming season. They are grown for their beautiful, large and brilliantly shaded blooms, each one being a marvel of beauty in itself. They are taller than the Early varieties, sometimes growing two feet high.

Byblooms —Mixed white ground, flaked with violet, crimson and maroon	Each, 3c.; doz., 30c.
Bizarrés —Mixed yellow ground, flaked with crimson, purple and violet	Each, 3c.; doz., 30c.
Maiden's Blush (Picotee) —Bloom white, with pink edge; long, narrow and reflex at top; extra fine	Each, 5c.; doz., 50c.
Bouton d'Or —Beautiful golden yellow; globe-shape in form; remains a long time after cutting	Each, 4c.; doz., 35c.
Gesneriana —Dazzling scarlet, with deep blue violet center; large flower. A gem for bedding	Each, 4c.; doz., 35c.

MRS. N. S. COOK, Athens Co., Ohio, writes: I was well pleased with the floral design, also the bouquets. Will remember you with future orders.

MISS S. O. DUPONT, Clarendon Co., S. C., writes. Lemon plant received in fine condition. Am delighted.

We will take pleasure in sending this Catalogue to any of your friends who have gardens and are interested in good Bulbs, Plants, Seeds, etc., if you will kindly give us their addresses.

Livingston's SELECTED SINGLE Early Mixed Tulips

A grand assortment. Doz., 20c.; 100, \$1.25, postpaid. By express, at buyer's expense, 100, \$1.10; 200, \$2.00



Double Tulips.

Livingston's Selected Double Tulips

The Double Tulips are very robust growers and produce fine large blooms of great substance. They last much longer than the Single varieties, hence, when some of each are planted the season for Tulips is greatly prolonged. They are especially good bedders, and can be used in shrubbery borders, planted in clumps of half a dozen or more, with telling effect. When potted they should be given plenty of time to develop by keeping them quite cool.

The prices quoted by the 100 do not include prepayment of express charges. Such charges are to be paid by purchaser on receipt of shipment. Single and dozen prices include postage.

B 10	Couronne d'Or —The finest double yellow Tulip for forcing or pot culture. Large, fine bulbs producing big, strong stems....	Each, 7c.; doz., 75c.; 100, \$5.00
A 9	Gloria Solis —Crimson, with golden band; large; fine	Each, 3c.; doz., 30c.; 100, \$1.75
A 9	Le Blason —Blush white tinted and striped with rose	Each, 3c.; doz., 30c.; 100, \$1.75
B 7	Count Leicester —Orange and yellow. Each, 3c.; doz., 25c.; 100, \$1.25	
B 8	Duke of York —Rose, edged with white; very large and showy..	Each, 3c.; doz., 25c.; 100, \$1.25
A 9	Imperator Rubrorum —Rich crimson scarlet, with yellow base..	Each, 5c.; doz., 40c.; 100, \$3.00
B 8	La Candeour —Pure white; very large. Fine for bedding.....	Each, 3c.; doz., 30c.; 100, \$1.75

B 8 **Murillo**—Splendid blush white, shading to rose. Fine for potting

Each, 5c.; doz., 40c.; 100, \$3.00

B 9 **Rex Rubrorum**—Bright crimson; large and very showy

Each, 3c.; doz., 30c.; 100, \$2.00

A 8 **Rose Blanche**—White. Extra large

Each, 3c.; doz., 25c.; 100, \$1.25

B 8 **Rose Crown**—Carmine..

Each, 3c.; doz., 30c.; 100, \$1.50

A 7 **Salvator Rose**—A deep, rosy pink. Comes early, and highly recommended for pot culture

Each, 7c.; doz., 75c.; 100, \$5.50

A 9 **Tournesoll**—Red and yellow. Early

Each, 4c.; doz., 40c.; 100, \$2.25

A 9 **Tournesoll Yellow**—Pure yellow. Early

Each, 5c.; doz., 40c.; 100, \$3.00

C 9 **Yellow Rose**—Large, pure golden-yellow; fragrant. Each, 3c.; doz., 25c.; 100, \$1.25

LIVINGSTON'S SELECTED MIXED DOUBLE TULIPS

A Splendid Assortment guaranteed. Dozen, 25c., postpaid. 100, \$1.25;
200, \$2.25, not prepaid.

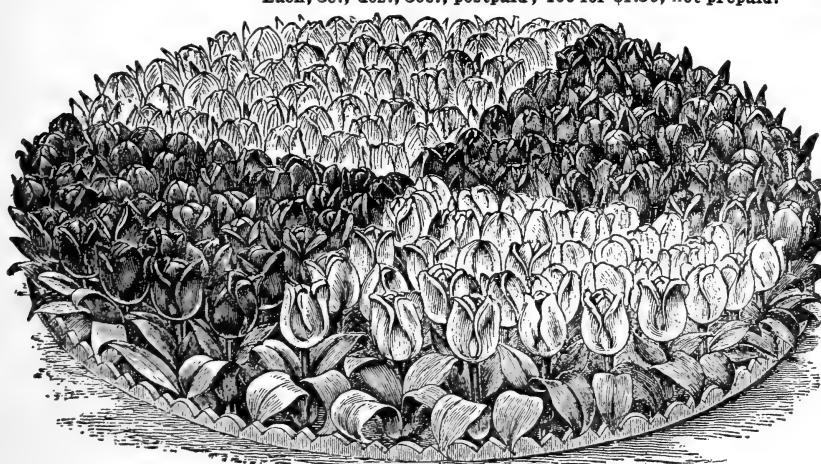
Parrot or Dragon Tulips

The Parrot Tulips are especially adapted to bedding. They come into bloom later than other classes of Tulips, making a splendid succession and prolonging the season a week or more. They are of immense size, single, and extravagantly showy, being of pure yellow, crimson or mixtures of these shades, with an occasional blotch of bright green. The petals are curiously cut or fringed, reminding one of the Parrot beak or Dragon's tongue. We can supply shades of **Yellow, Red, Striped or Mixed** at the uniform price—

Each, 3c.; doz., 30c., postpaid; 100 for \$1.50, not prepaid.



Parrot Tulip



A TULIP BEDDING SUGGESTION.

Some fine effects are produced by planting the four sections with varieties having colors that blend. Pink and White; Scarlet and Yellow, etc. A bed 5 feet in diameter requires about 150 bulbs.

TULIP COLLECTION

30 SPLENDID BULBS, 75 CENTS, 25 POSTPAID

All fine Named varieties.
Single and Double.

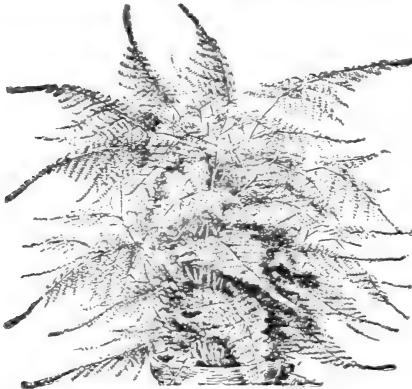
A good chance to try the different classes. Interesting and instructive.

2	Belle Alliance ,	2 Cardinal's Hat ,	2 Cottage Maid ,
2	Keiserkroon ,	2 La Reine ,	2 La Immacule ,
2	Gesneriana ,	2 Duc von Thol ,	2 Byblooms ,
2	Bizarres ,	2 Parrot ,	2 Duke of York ,
2	La Candeour .	2 Rex Rubrorum ,	2 Tournesoll .

DECORATIVE AND WINTER-BLOOMING PLANTS

The list we offer are such as will do well under proper treatment in the ordinary living room or a greenhouse. All lovers of fine flowers should make out their list and send to us at once. Get ready for the winter window garden now before cold weather sets in. You are sure to receive exceptional value from our stocks for every dollar sent us, as our plants are in fine condition.

We send all plants listed herein by mail, postpaid, except those offered in large quantities, or of large size, which must be sent by express, the purchaser paying charges when shipment is received.



Climbing Lace Fern.

Asparagus Plumosus Nanus

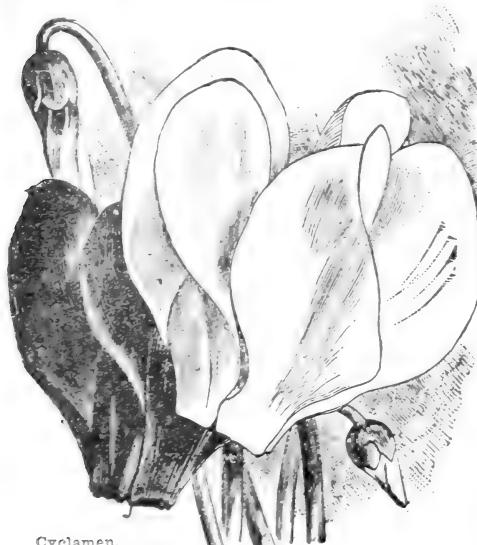
One of the handsomest foliage plants. The fronds are a bright green, gracefully arched, and as fine as silk, often having vines ten to twelve feet long. A beautiful plant for climbing up the edge of lace curtains. Their lasting quality when cut is remarkable, retaining their freshness for weeks, hence it ranks as the most valuable plant we have for this purpose. See illustration. **Fine plants, 15c. Larger size, 35c., postpaid.**

Azalea Indica

We offer a very fine lot of Azaleas, comprising the most distinct and best varieties in cultivation, embracing all shades of crimson, white, pink and rose color. They are shapely specimens, well "headed," double and single. Splendid plants for winter and spring decoration. The plants we offer here will bloom from about the middle of February until the first of April. By express at purchaser's expense. Ready for shipment November 1st.

Plants with heads 10 to 12 ins. diam.	each, \$ 75
Plants with heads 12 to 14 ins. diam.	" 100
Plants with heads 14 to 16 ins. diam.	" 150
Larger sizes \$3.00 to \$5.00 each.	

MRS. SEARS, Crawford Co., Ohio, writes: Am much pleased with the seeds and plants. They arrived in fine condition. I very much appreciate the extra plants you sent.



Cyclamen.

Asparagus Sprengerii

This is considered one of the handsomest plants for house and conservatory ever introduced. It is especially desirable for pots, vases, baskets, etc., covering all with its beautiful drooping sprays of lovely green foliage, which can be cut freely, and is very useful for all kinds of floral decorations. A charming ornamental plant for the window or conservatory in winter. Easily grown, requires but little care, bears cutting well, and keeps on growing fresh and green the whole year. Flowers white and delicately scented, but its chief beauty is in its lovely drooping green sprays, which are always greatly admired. **Each, 15c. Larger plants, 35c.**

Climbing Lace Fern



Anna Regina Begonia.

Select Winter-Blooming Begonias

Three Fine New ones from Germany.

FIREBALL—A beautiful crimson scarlet; of very neat and graceful habit. **Each, 25c.**

GRAF WALDERSSE—Of vigorous growth; flowers cherry red, of large size and borne well above the foliage. Splendid as a cut-flower. A new departure in Semperflorens type. **Each, 25c.**

ANNA REGINA—An ideal pot plant, being of neat, dwarf habit. Color, bright rosy pink. **Each, 25c.**

One each of above 3 New Begonias, **60c., Postpaid.**

VULCAN—One of the best varieties, on account of its great profusion of bloom, beautiful foliage and growth. Flowers intense fiery scarlet. **Each, 15c.**

GLORIE DE LORRAINE—A Grand new variety of the most sterling merit, very showy, and we recommend it in the highest terms. It makes a graceful plant about one foot high, loaded with rose-colored flowers of great beauty, borne on large drooping panicles. The foliage is a light pea-green, making a pleasing contrast with the bloom. **Strong plants, each, 50c. to \$1.50. Cannot be mailed.**

REX VARIETIES.

Louise Closson, Bertha McGregor, Queen Victoria, Queen of Hanover, Inimitable, Marquis de Feralta. **Each, 15c. The set of 6, 75c.**

Giant Cyclamen

Ready for delivery in September.

Cyclamen are very ornamental plants for either greenhouse or parlor culture. They can be easily grown, are very free bloomers, remain a long time in flower, and bloom on long stems well above the foliage. The foliage is very beautiful. Plant bulbs in 5-inch pots in soil made up of equal parts of good loam, leaf mould and sand. Keep in a light, airy place, with quite low temperature; water but lightly until growth begins, then water more freely and give plenty of light and air. Our collection includes many new and beautiful varieties. **Persicum Giganteum, each, 20c., 3 for 50c., postpaid.**

Callas

A well-known plant of easy cultivation. It requires rich soil and an abundance of moisture. They make good aquarium plants. For pot culture the soil best suited to them is a compost of good loam and cow manure in nearly equal parts. After blooming reduce amount of water and rest the bulb from growth during summer.

Repot in the fall and begin to water, using a little, only, at first.

Calla Devoniensis A grand new variety. Produces at least three times as many blooms as any other kind. The blooms are of good size, pure ivory-white, and borne on strong stems well above the foliage. Splendid as a pot plant and very lasting as a cut-flower. Very easily grown and blooms freely even from seed in one year. As many as eight blooms have been grown on one-year-old plants. After more than five years' trial this variety has proven true to type, and a great improvement, especially in quantity of bloom. Each, 25c.

New Red Calla (*Cornutum*)—Very rich dark red bloom, spotted with black. The stems and palm-like leaves are also beautifully spotted green and white. A handsome plant very showy for winter decorations. Each, 20c.

WHITE CALLA (*Ethiopica*)—The old favorite variety (sometimes called Lily of the Nile) having dark green foliage and lovely pure white fragrant blooms of perfect form. Each, 15c.; doz., \$1.50. Larger Plants, each, 25c.; doz., \$2.50.

DWARF OR LITTLE GEM—These small Callas rarely exceed 12 inches in height. The flowers are not more than half the size of common Callas and can be used in bouquets with telling effect. Each, 15c.; 4 for 50c.

Chinese Primrose

Hardly any other class of plants gives greater satisfaction as a winter bloomer than the Chinese Primrose. A cool north window suits best; and care should be exercised in watering not to wet the buds. We can supply plants in all the popular shades. Each, 15c.

PRIMULA OBCONICA—A perpetual bloomer of large trusses of flowers; color pale lilac, shading to pure white. Each, 15c.

Cineraria

Our assortment of these fine winter blooming house plants is unsurpassed. We have them in all desirable shades and of splendid size. Try a few. Each, 10c.; doz., \$1.00.

Small Ferns for Fern Pans

We have a very fine collection of Small Ferns, suitable for Fern Pans or Dishes. Nothing makes so fine an ornament for the dining table. The following are some of the best varieties: *Pteris Cretica Alba Lineata*, *Serrulata*, *Tremula*, *Vulgaris*, *Adiantum Cuneatum*, *Decorum*, *Grandiceps* and *Cyrtomium*.

Each, 10c. The Set of 8 for 75c., postpaid.

WE REFILL FERN DISHES WITH CHOICE ASSORTMENT AT REASONABLE PRICES.

White Calla ready in September. Other sorts not until November.

GOLDEN YELLOW CALLA (*Elliotiana*)—New, and entirely distinct from other yellow varieties. Similar to the common White Calla in habit of growth, size and shape of bloom, but has a rich, clear golden-yellow flower, also the green leaves are beautifully spotted with creamy-white. Each, 75c.

SPOTTED LEAF CALLA—The leaves are very ornamental, being of a rich green spotted with pure white. Flowers pure white with a rich chocolate throat. A beautiful plant. Each, 15c.; 4 for 50c.

CALLA SET.
One each of above SIX fine Callas for \$1.50, postpaid.

FERNS

Two Grand New Ostrich Plume Ferns—Piersonii and Anna Foster.

Piersonii—A very beautiful new variety from the famous Boston Fern, which has created quite a sensation, having received a number of Gold Medals from some of the largest and most critical Horticultural Societies. Well developed specimens have produced fronds 4 feet in length, beautifully cut and frilled on the edges. Its distinctive feature is found in its leaflets or pinna, which are miniature fronds in themselves, unfolding in the same manner as the large ones. This constant unfolding of the plant has the effect of giving it two shades of green, which are very pleasing. An exceedingly graceful plant with its arching fronds of waxy plume-like appearance. Each, 25c.

Anna Foster—Quite similar to Piersonii, but the fronds are not so robust in their manner of growth, being more drooping and delicate. A charming plant used in hanging baskets or set on a pedestal. Each, 25c.

BOSTON SWORD FERN (*Nephrolepsis Bostoniensis*)—The fronds often grow to 3 feet in length, and have been known to keep in perfect condition, bright and green, for years. These fronds arch and droop over very gracefully, on account of which it is excellent to grow as a single specimen on a table or pedestal. Plants from 3-inch pots, 20c.; 4-inch pots, 35c.; 5-inch pots, 60c.; 6-inch, \$1.00.

One plant each above 3 great Sword Ferns, 60c.

SHAKING FERN (*Pteris Tremula*)—Foliage large and graceful. The slightest movement of the airshake the leaves of this kind, hence its name. It grows readily and very fast. Keep the leaves from dust and sprinkle gently on warm days. Each, 15c. Large plants, 25c.

JAPANESE or GLOBE FERN—We import these in their dormant state, being in the shape of a large ball 5 to 8 inches in diameter. The center is moss, covered with fern roots, looking like a ball of roots twisted together. All that is necessary to start them growing is to immerse them two or three times a week in water and hang up where light and warm, and in a short time they are covered with beautiful green foliage. Many prefer them to hanging baskets. The leaves are beautiful and lasting. Very curious and attractive. Ready for delivery in December in time for Christmas orders. 5-inch Ball, 50c.; 8-inch Ball, 75c.



New Red Calla.



Piersonii.

Boston.

Anna Foster.



American Wonder Lemon.

New Lemon Wonder American (Ponderoso.)

This new variety of Lemon makes a splendid pot plant, as its glossy, dark-green, leathery leaves are not only ornamental but fragrant. An ornamental plant equal to the palms, rubbers, etc. It stands rough usage, and even neglect, and still look well. In size and fragrance its flowers exceed the orange blossoms; are borne in immense pure white clusters, remaining some time before falling. It begins to bear fruit when quite small, as we have had them in fruit when not over eighteen inches high. It is an everbearing variety, as there are blossoms and fruit in all stages of development on trees from 5 to 6 feet high. The fruit is often of immense size, some specimens weighing as much as four pounds, while the average would be fully half that weight. The fruit is very juicy, makes delicious lemonade, and is not excelled by any other variety for fine flavor. We send printed instructions for their care with each order. It is of very easy culture. *See Cut.*

Thrifty Young Plants, each, 25c., postpaid.
Extra Strong Plants, 75c. to \$2.00, by express.

Norfolk Island Pine

Araucaria Excelsa.

Also known as "CHRISTMAS TREE PALM."

It has deep green, feathery foliage, arranged in whorls, rising one above the other at regular distances. Its symmetry of form and beauty of foliage makes it very ornamental.

Price — 6 inches high, each, 75c., postpaid.
Plants, 12 to 15 inches, each, \$1.50, by express,
not prepaid.

Primula Obconica

An everbloomer. Lovely lavender flowers in great profusion the year around. Easy to grow. Always pleases. Each, 15c.

Chinese Primrose. See page 11.

HARDY PHLOX in both seeds and plants should be planted in the fall. We will not offer the seeds for spring planting hereafter as a great many lose their vitality.

Geraniums

A few choice varieties for culture during winter, being especially good potting sorts, and having fine large single florets, as well as large trusses.

NEW WONDER—A grand single scarlet variety having fine circular bloom of very large size,—the largest yet produced. The color is very rich. Each, 20c.

Marquis de Castelaine—Double. Very large trusses—5 to 7 inches—flowers 2 inches across; of perfect shape. Color, deep rosy scarlet.

La Favorite—Very large trusses of purest white: double.

Marvel—Double. Plant compact and low-growing. Color, rich bright crimson. Very attractive and free blooming.

Mme. Julian—Double. Center of bloom fine peach pink shade, with wide margin of pure white.

M. Jules Dispot—Double. Beautifully shaded, rich violet-crimson flowers with lilac center; always good large size. Fine pot plant.

S. A. Nutt—SILVER LEAF. The first variety having the silver leaf, and, at the same time, having a good bloom; color, rich dark crimson.

Each, (except New Wonder,) 15c. Set of 7 for 90c., postpaid.

Heliotrope

Two Fine Winter-Blooming Varieties. Each, 10c.; dozen, \$1.00.

Florence Nightingale—Flowers bright lavender; good, large truss.

White Lady—Lavender white. Best light colored sort.

EDWARD TYRELL, Lucas Co., Ohio, writes: I have used your seeds for five years and they always prove good and true.

JNO. T. FISHER, Allegheny Co., Md., writes: I enclose order for seeds. They done well for me last season.

ADA CORBIN, Baltimore Co., Md., writes: I received the package of flower seeds; am very much pleased with them. Will send another order later.

See 2nd page of Cover of this Catalogue for some
Valuable Collections.

If not already a customer, send us your name and
address for a copy of our Seed Annual.



Norfolk Island Pine.

PALMS.

Palms will do well with little or no direct sunshine, and can be placed about the house with little regard to it, for the greater part of the time. Water thoroughly but not too often. A good garden loam with some rotten sod or leaf mould mixed in it is best for them. In summer, or when confined to dry furnace heat, a daily spraying is good; otherwise once a week will do. We have grown the kinds offered especially for the use in the home and they are good, strong, healthy plants. No other plant is more ornamental, or adds a more refined influence than a few Palms. With ordinary care they will last for years. We will repot them at small cost to anyone near us.

Areca Lutescens.

One of the most valuable and beautiful Palms. Its dark, glossy green leaves are gracefully curved. The trunk and stems are golden yellow. Plants 10 to 12 inches high, 35c., postpaid.

Larger Sized Plants, by Express, not Prepaid.

Plants 15 to 18 inches high	Each, \$ 50
Plants 18 to 20 inches high	" 75
Plants 20 to 24 inches high	" 1 00
Plants 24 to 30 inches high	" 1 75



Latania (Fan Palm).

Latania Borbonica. Fan Palm.

A beautiful Palm, with large deeply divided fan-shaped leaves; of easy cultivation, and should be in every house collection of plants. Plants 12 inches high, 30c., postpaid.

Larger Sized Plants by Express, not Prepaid.

Plants 15 inches high	Each, \$ 50
Plants 18 to 20 inches high	" 1 00
Plants 20 to 24 inches high	" 2 00
Plants 24 to 30 inches high	" 4 00

Phoenix Reclinata.

A fine decorative Palm. It is particularly adapted for hallways or other positions where other Palms would not exist. Plants 10 to 12 inches high, 50c., postpaid. By express—Plants 15 inches high, \$1.

A BARGAIN IN PALMS.

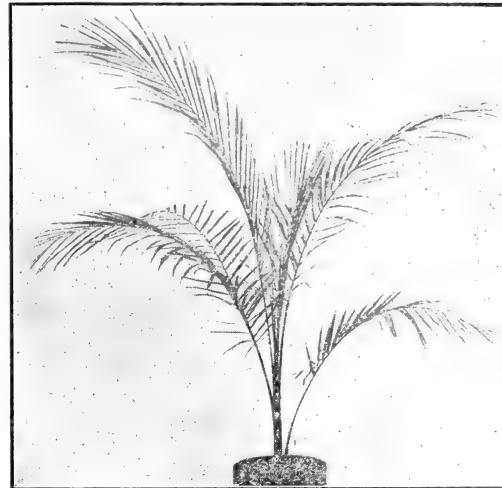
We will send one each of LATANIA BORBONICA, ARECA LUTESCENS, KENTIA BELMOREANA, KENTIA FOSTERIANA, and COCOS WEDDELIANA, all beautiful Palms, strong plants, and suitable for growing in the house, for only \$1.00, prepaid.

PARLOR FOLIAGE COLLECTION.

Four Strong Plants, 50 cents, postpaid.

I Asparagus Sprengerii,	I Asparagus Plumosus,
I Kentia Palm,	I Boston Fern.
Worth 70 cents. Our price, 50 cents, postpaid.	

We carry in stock some fine large Specimen Palms, Ferns and Rubber Plants. Prices given on application.



Cocos Palm.

Cocos Weddeliana.

This beautiful Palm is one of the most elegant and graceful of all the small Palms. Small plants of Cocos are very useful for the center of Fern dishes, also for dining table decoration. They are of slow growth and therefore keep in shape for a long period. Each, 25c., postpaid.

Kentia Belmoreana.

A beautiful strong growing Palm with deep green, crisp foliage. Inclined to dwarf and spreading habit. One of the most popular for house culture, as they are very hardy. Plants from 10 to 12 inches high, 40c., postpaid.

Larger Sized Plants by Express, not Prepaid.

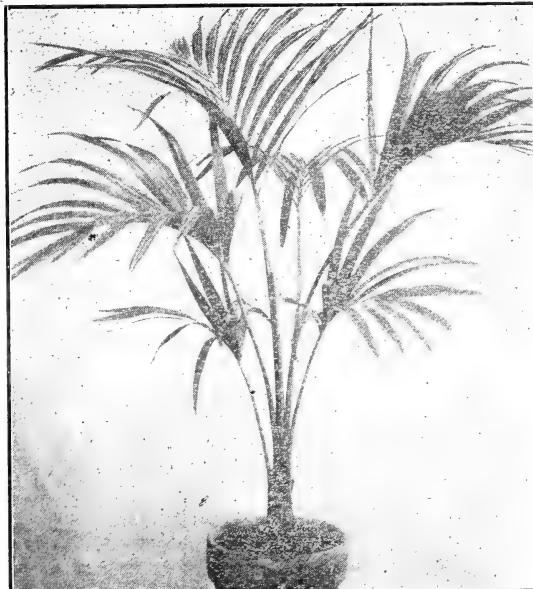
Plants 12 to 15 inches high	Each, \$ 50
Plants 15 to 18 inches high	" 75
Plants 18 to 22 inches high	" 1 00
Plants 24 to 28 inches high	" 2 00
Plants 30 inches high	" 3 00

Kentia Fosteriana.

Similar to Belmoreana but of brighter green. Stronger growth with broader, heavier foliage. Plants, 12 inches high, 35c., postpaid.

Larger Sized Plants by Express, not Prepaid.

Plants 15 to 18 inches high	Each, \$ 75
Plants 20 to 24 inches high	" 1 00
Plants 24 to 28 inches high	" 1 50
Plants 28 to 36 inches high	" 2 50
Plants 40 inches high	" 3 50



Kentia Palm.

Livingston's Choice Roses

The autumn is a very good time for setting out Roses as they are then dormant, having dropped their leaves, and stand transplanting perfectly. After setting in the ground, which should be spaded deeply, it is a good plan to draw the soil up around the plant, also add some coarse litter, leaves, straw, etc. The branches should be trimmed, using a sharp knife so as to make a smooth cut, quite early in spring before growth begins, as this gives the roots a chance to get started. Our large, field-grown plants, set out in October, will give some fine blooms next season, however, they should not be permitted to bloom too freely the first season.

LARGE FIELD-GROWN PLANTS of our own growing ready for Fall planting in October, each, 25c.; dozen, \$2.50, except as noted.

Hybrid Tea Roses

This class is made up of varieties obtained by crossing Tea and Hardy Perpetual Roses, retaining the freedom of bloom of the Teas, also some of the hardiness of the latter. Most of them are hardy with protection, and by far the best class for bedding out where moderate Winters prevail. We cannot speak too highly of the roses in this class. They always please.

American Beauty—This famous rose has buds large, full, double and exceedingly sweet; color, rich, rosy-crimson; very lasting after cutting. Fine plants, each, 35c.

Bessie Brown—A lovely new rose; extra large, full and double, and deliciously perfumed; healthy vigorous grower. Constant, profuse bloomer; color white, delicately shaded with rose.

Franz Deegen—New. A very free bloomer, rapid and clean grower, with flowers of a golden-yellow, with deep orange center, on long, straight stems. Buds are long and pointed, of good size. Received gold medal and \$50 prize at Kansas City Flower Show, silver medals and other awards at numerous other exhibitions. 35c.

Golden Gate—Creamy-white, flushed with pink and salmon. Very robust and a persistent bloomer. A beauty.

Helen Gould—One of the finest for general planting. Strong grower, free bloomer; large size, and very hardy. Bloom perfectly double, buds beautiful, long, pointed; color, a warm rosy-crimson. Easy to grow.

Ivory (White Golden Gate)—"Ivory" embodies all of the good points of the Golden Gate. Size, freedom of bloom, strong, vigorous, healthy growth, with a pure white color. A rose which must at once meet with popular favor.

Kaiser Augusta Victoria—Elegant large pointed buds and very large, full, double flowers. Color, delicate dreamy-white, deliciously fragrant; strong stems; rich glossy foliage.

Lady Battersea—Long, pointed buds of the largest size; color, bright cherry-crimson; stems stiff and long; strong grower and free in bloom; a promising bedder.

Mad. Caroline Testout—Petals large and of elegant form; exquisitely edged and bordered with clear silvery rose; flowers and buds extra large; color, brilliant satiny-rose, center clear red.

Mad. Jules Grolez—Very free blooming variety; large, full, finely formed flowers; color, charming shade of satiny-pink.

Meteor—Of the deepest glowing crimson; flowers of medium size, very double, and petals slightly recurving; a beautiful open rose; a free bloomer. Good potting, cutting or bedding sort.

Mrs. Mawley—Color, bright pink. A magnificent garden rose.

Sombreuil—Large, beautiful, white, tinged with delicate rose; a strong grower.

Souy. Pres. Carnot—Large, full, double, exquisitely shaped flowers, with heavy, thick, shell-like petals; buds long and pointed—perfect; color, delicate rosy-blush, shaded deeper at center; fragrance delicious. Strong grower and free bloomer.

Climbing Tea Roses

These are exceptionally fine climbers for the Southern States and nothing could be more choice to cover a porch or trellis.

Climbing Meteor—Perpetual blooming. Color, rich velvety-crimson. A very vigorous grower and profuse bloomer.

Maréchal Niel—Its magnificent golden-yellow buds are worn the world over.

President Cleveland—Flowers magnificent, extra large, deep and double; buds are beautiful; fragrance delightful; color, pure snow white, sometimes faintly tinged with pale yellow. Identical with Marie Guillot except that this variety is a rapid climber—ten to fifteen feet high. Blooms all season.

Reine Marie Henrietta—Crimson flowered; ever blooming; flowers exquisitely formed, very full and double; fragrant; free flowering.

Mary Washington (Noisette)—Bears large, double, fragrant white flowers in large clusters, in great abundance. Vigorous, rapid grower.

Hardy June Rose

Mad. Plantier—Literally covered in the spring with pure white, perfectly double, fragrant flowers, which hang on for a long time. Make large dense bushes. A beautiful cemetery rose. Hardy as an oak, without protection.

Prices of above Roses, except as noted—Large Field-Grown Plants, each, 25c.; doz., \$2.50



The La France Set

A choice group of Hybrid Teas, widely known and celebrated everywhere for hardiness, constant bloom, beautiful color and fragrance.

Pink La France—Silvery pink; very popular.

Red La France (Duchess of Albany)—Deep rich rose pink flowers.

White La France—Large, elegant, pearl-white flowers flushed with rose.

Striped La France—Shows clear stripes of both lovely pink and white tints.

Each, 25c. Set of four Field Grown Plants, 90c.

Hardy Perpetual Garden Roses

The following selection of Hybrid Roses can be highly recommended for outdoor planting, perfectly hardy, but are benefited by slight protection of leaves or coarse litter during the winter; also a little straw tied loosely about the tops.

Alfred Colomb—Extra large round flowers, very double and full; color, clear cherry-red, passing to bright, rich crimson; very fragrant.

Anna de Diesbach—Brilliant rose-color, with long pointed buds, large perfectly formed blossoms; fragrant; vigorous; persistent bloomer.

Baron Bonstetten—Extra large flowers, very firm, almost round and full; rich dark crimson; very fragrant; abundant bloomer.

Captain Christy—Delicate fresh color; blooms almost throughout the season; vigorous grower; grand foliage.

Coquette des Alps—Large full finely formed flowers; color, pure white, faintly tinged with pale blush; beautiful; profuse bloomer; hardy.

General Jacqueminot—Bright crimson scarlet; exceedingly rich and velvety; strong healthy grower and free bloomer; very hardy.

Jubilee—Large flowers, 5 to 6 inches across; very full and double; buds long and graceful; color, glowing velvety crimson; fragrance delicious.

Mad. Chas. Wood—Flowers extra large, double, full and quite fragrant, color, bright fiery scarlet, passing to fine rosy-crimson, shaded with maroon; showy; handsome; blooms early and late.

Magna Charta—Extra large, full flowers; very double; of fine form and sweet; color, clear rosy red, beautifully blushed with violet crimson; a sure and profuse bloomer; one of the hardest.

Marquess of Lorne—Brilliant rose, shaded vivid crimson; full cup-shaped bloom, very fragrant. Almost the only hardy, red rose which blooms all season.

Marshall P. Wilder—Extra large bloom, full and very handsome; dark red; a free bloomer; long stems.

Mrs. John Laing—Constant bloomer; hardy, immense flowers, full and double, borne in great profusion on long, stiff stems, and exceedingly sweet; color, clear, bright, shining pink, buds long and pointed.

Paul Neyron—Deep shining pink; extra large; of fine form.

Prince Camille de Rohan—Deep velvety crimson, almost black; large and fine.

Ulrich Brunner—Extra large, bold flowers, full and globular; color, rich glowing crimson.

Hardy Climbing Roses

Adapted to Northern States.

These varieties endure the most trying weather. Grow rapidly, covering a building or fence in a very short time. Bloom in large clusters abundantly.

Baltimore Belle—Pale blush, shading to rose color; double flowers in large clusters. No garden complete without this rose.

Prairie Queen—Extra fine; free bloomer; flowers extra large, bright rose, sometimes striped white. Extra fine. Deservedly popular.

The Famous Rambler Roses

Splendid for Covering Porches, Trellises, Screens, Fences, etc.

Philadelphia Rambler—A fine new Rambler. Flowers produced in grand clusters, each flower 2 to 2½ inch across, and double to center; color, pure deep crimson; brighter than any of this class, and holds color to the last; handsome foliage; blooms early and bountifully. Perfectly hardy. Each, 35c.

Crimson Rambler—Of very vigorous growth, making shoots 8 to 10 feet during the season. Its remarkable color is of the brightest crimson. Flowers produced in pyramidal panicles or trusses each carrying 30 to 40 blooms.

Yellow Rambler (Aglaia)—Very hardy Yellow Climbing Rose. The beautiful clear yellow flowers are borne in immense trusses, sometimes 100 in a cluster.

Pink Rambler (Dorothy Perkins)—New. Of great hardiness, vigor, beauty and freedom of bloom. Stands severest winters unprotected; grows often 10 to 12 feet in one season; blooms in clusters; fine shell-pink in color; large for the class; very lasting; fragrant; foliage deep green. Each, 30c.

Set of above four Ramblers, Field Grown Plants, \$1.00

Prices of above Roses, except as noted—Large Field-Grown Plants, each, 25c.; doz., \$2.50

Rose Collections

ALL FIELD GROWN STOCK, SENT PREPAID, AND TO BE OUR SELECTION AS TO SORTS.

Cut-Flower Collection.

Especially adapted for cutting and use in vases.

5 distinct varieties. \$1.00.

Garden Collection.

All very hardy and constant bloomers.
4 Superb Hardy Roses, 1 Hardy Climbing Rose, \$1.00.

Cemetery Collection.

Five Choice Varieties adapted to cemetery planting. All extremely hardy.
\$1.00



Rubber Plant.

The Autumn is the much the better time to plant PÆONIES, HARDY PHLOX (seeds and plants) and ROSES.



New Ivory Rose.

Rubber Plant Ficus Elastica

This is certainly one of the best plants grown for decorative purposes. It succeeds well with ordinary treatment. Its glossy, thick, dark green leaves are not affected by dust and gas to which plants in dwelling houses are exposed. A light sponging once in every week, however, is a benefit and helps their appearance. The large foliage and erect form are much admired. **Plants, each, 60c., postpaid. By express, not prepaid, 15 inches high, 75c.; 24 inches high, \$1.25.**

Umbrella Plant

Cyperus Alternifolius.

A plant of the easiest culture, and will thrive in any soil if kept well watered. They thrive best, however, in damp soil or a partially shaded place, like the north side of a fence, etc. Will grow in a bowl, dish or vase partly filled with soil and water. From the center of the umbrella-like and palm-like leaves appear small flowers, followed by young plants. Can be used in aquaria. Not hardy. **Each, 15c.; larger plants, each, 25c.**

MRS. ALBERTA HAWKINS, Clermont Co., Ohio, writes: Received plants in due time and in good condition. Will recommend your firm to all in need of plants.



Umbrella Plant.

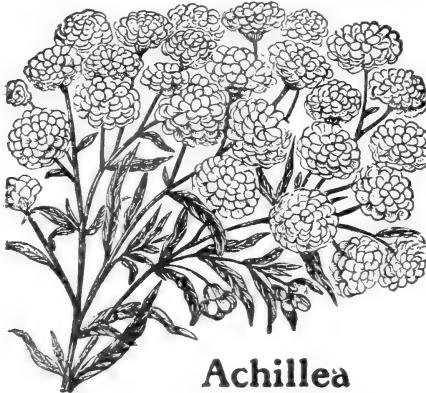
ROSA GOOD, Lancaster Co., Penn., writes: Received the seeds and plants in good condition. Thank you for promptness.

W. A. BASSETT, Seneca Co., N. Y., writes: Plant's arrived in fine shape. Am well pleased.

See second page of cover for some Valuable Collections

HARDY PERENNIAL PLANTS

Each season witnesses an increasing demand for this class of plants. While results are not so soon realized as with planting seeds of Annuals, yet the permanency of the hardy border plants more than outweighs this seeming objection. The use of Annuals may be continued with telling effect, however, in conjunction with the Perennials, at least until the latter become established. The autumn season, with all varieties we offer, is a good time to plant them, and with some varieties it is to be preferred to spring planting.



Achillea

"The Pearl"

A single plant of Achillea will produce hundreds of flowers the first season, but when well established they frequently have more than five hundred perfect flowers on the plant at one time. It commences to bloom early in July, and is a perfect mass of beautiful pure white flowers during the balance of the season. The flowers are perfectly double, and produced in large sprays, making it fine for cut flowers. A most valuable plant for cemetery planting, as it is sure to thrive and bear its great profusion of snow-white flowers nearly the whole summer under all conditions. **Plants, each, 10c.; 3 for 25c.; doz., 85c., postpaid.**

Bleeding Heart

A very hardy plant, which will bloom freely next spring if planted this fall. They are easily grown and have beautiful heart-shaped pink and white flowers, which are borne on long drooping racemes. They should be found in all gardens. Ready in November. **Each, 25c.**

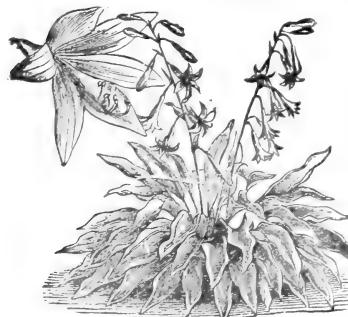
Coreopsis

Lanceolata.—A beautiful hardy border plant, 15 to 18 inches high, bearing bright golden-yellow flowers in great profusion the entire season. A handsome vase flower for table decoration. **Each, 10c.; doz., \$1.00.**

Campanula Canterbury Bells.

Plants with showy flowers, mostly in blue, easy to grow and in bloom a long time.

CALYCANTHEMA (Cup and Saucer)—Hardy. Large blue, white or purple flowers. **Each, 15c.; doz., \$1.50.**



Day Lily.

Day Lily (Funkia)

By some called "Plantain Lily." A superb autumn flower desirable to plant on the side of lawns or at the edge of shrubbery. Succeeds in either sun or shady places. Fine for cemetery.

CORDATA (White Plantain or Day Lily)—A handsome, showy plant with beautiful broad yellowish green leaves. Its lily shaped flowers are waxy-white and very fragrant.

VARIEGATA—Leaves 8 to 10 inches long, 2 to 3 inches wide, beautifully variegated yellow and green. Flowers deep blue.

CERULEA—Bloom dark blue; broad glossy foliage.

Above, each, 15c. Set of 3 for 35c. Dozen, \$1.40.

Digitalis Foxglove.

GLOXINIOIDES—A choice garden variety in mixed colors, including white; grows about three feet in height; in bloom the greater part of summer. **Each, 15c.; doz., \$1.50.**

Eulalia

Beautiful, tall-growing ornamental grass for use on lawns or in borders or as screens. Perfectly hardy, grow 6 to 8 feet high in large clumps.

ZEBRINA—One of the finest and most distinct Eulas. The beautiful green leaves are crossed at regular distances with broad bands of orange-yellow. They produce fine large plumes when 2 or more years old; hardy.

VARIEGATA—Very similar in style of growth to Zebra, but the variation in colors of the leaves run lengthwise, making a striking contrast when planted together.

UNIVITATA—Has fine, narrow dark-green-foliage, with a white mid-rib. Very fine.

Eulas, each, 15c.; dozen, \$1.50. Set of 3 for 35c.

Gaillardia Grandiflora. (Blanket Flower)

Of all hardy perennials perhaps the Gaillardia is the most satisfactory. Begins to bloom in early summer and continues until after first frosts. Perfectly hardy without protection. Flowers are 2 to 3 inches in diameter, with center of brownish-red, while petals are shaded into rings of orange, crimson and red. Stems long. Grand for cutting. Does well in any soil. **Each, 15c.; doz., \$1.50.**

Hibiscus

Crimson Eye—A robust grower, with dark stems and foliage. Flowers of immense size, purest white, with large spots of deep velvet crimson in the center. Perfectly hardy. Blooms first year in open ground. **Each, 15c.**



Hollyhocks

Double.

For planting in masses by itself, or as a background for lower-growing plants, the Hollyhock plant cannot be dispensed with. Once planted they keep coming up year after year. **Mixed colors, each, 15c.; doz., \$1.50.**



Iris Fleur-de-Lis.

The Fleur-de-Lis so popular in France.

Thrives best if planted in moist soil; if this cannot be had, water freely while growing and flowering.

KÆMPFERII (Japan Iris)—The flowers of Japan Iris are of immense size—6 to 8 inches in diameter—and are of the most beautiful and delicate shades and blendings of blue, violet, crimson, white, yellow, etc.—almost equal to many of the most costly Orchids. Perfectly hardy. Plant gives a dozen or more flower stalks 2 to 3 feet high, each producing two to four blooms. **Mixed Double Japan, each, 15c.;**

Mixed Single Japan, each, 15c.; doz., \$1.50.

GERMAN IRIS—This variety blooms several weeks earlier than the Japanese; flowers are smaller but equally as rich in color. **Mixed German, each, 10c.; doz., \$1.00.**

Lobelia Cardinalis (Cardinal Flower)

One of the showiest of hardy flowers, 2 to 4 feet high, with large deep red blossoms along the upper part of the stalk; will thrive in any garden soil, but prefer rich moist locations, even if standing in shallow water. **Each, 15c.; doz., \$1.50.**

Lychnis

A strong, vigorous grower, making large clumps of almost evergreen foliage. Blooms in early June and continues for six weeks or more; flowers double, bright crimson; useful for cutting; the finest red-flowered hardy perennial. **Each, 15c.**

Larkspur (*Delphinium*)

These old-fashioned flowers are now being used with telling effect in both private and public grounds. They are about the only blue hardy flower of any note, and have a long season of bloom. Remove all old flower stalks before seed pods are formed and the season of bloom will be prolonged. The strain of Hybrids we are growing embrace all shades of blue and purple. Each, 15c.; doz., \$1.50.

Lily of the Valley

The Lily of the Valley is one of the most useful and greatly admired plants grown. Flowers bell shaped, of the purest white. Very highly prized for cutting purposes. Well adapted for flowering in the parlor or conservatory during the winter, but are perfectly hardy when planted outside. Field grown roots for hardy planting ready for delivery Oct. 1st. Imported Pips for forcing for cut flowers ready Nov. 1st. **Selected Imported Pips**, each, 5c.; doz., 30c.; 25 for 50c.; 100 for \$1.75, postpaid. Deduct 25c. per 100 if sent by express at purchaser's expense

Field Grown Plants, each, 10c., doz., \$1.00.

Phlox, Hardy

One of the most satisfactory plants for the garden, and one of easy culture. These new and greatly improved varieties must not be compared with the old style hardy Phlox. Perfectly hardy, they come up year after year and bloom for months. Each truss of flowers forms a perfect pyramidal bouquet by itself. Beautiful banks of these may be grown by placing the tall growing varieties in the rear. For harmony of colors plant pink or crimson with white. The magenta is best alone.

Aquilon—Carmine-rose, shaded salmon, with crimson eye.

Bridesmaid—Pure white with large crimson center. See front cover to this catalogue.

Coquillet—Pure scarlet with eye of deeper shade.

Cross of Honor—Light rose, striped white.

Diplomat—Light lilac; crimson eye; large flower and truss.

Elclair—Extra fine purplish crimson.

Flora McNab—Pure white.

Molier—A beautiful salmon, suffused with rose.

Nettie Stewart—Pure white, very early and free flowering.

Panthenon—Deep salmon rose.

Sir E. Landseer—Brilliant dark crimson.

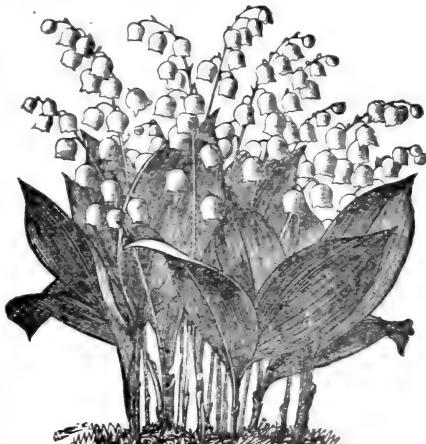
Triumph de Twinkle—Rosy magenta.

Wm. Robinson—Salmon pink, rosy eye; a splendid sort.

Each, 15c.; doz., \$1.50. The Set of 13 for only \$1.50, postpaid.



Hardy Paeonies.



Lily of the Valley.

Pinks, Hardy

Perfectly hardy, and remain in the open ground all winter without protection. The foliage has a beautiful metallic shade of bluish green. Flowers perfect and remain out a long time.

Abbotsford—Deep carmine-pink flowers; petals edged white; clove fragrance.

Her Majesty—Large white, fringed, double flowers; long stiff stems.

May Pink—The good old-fashioned hardy garden variety.

Each, 15c.; doz., \$1.25.

Paeonies Hardy Herbaceous

PLenty of PÆONIES. EVERyBODY SHOULD PLANT THEM. THE MOST POPULAR OF ALL HARDY PLANTS, AND GROWING IN FAVOR.

THE FALL IS THE TIME TO PLANT.

Everyone knows the old-time "Piney" of our grandmother's garden, and how indispensable they were. Now, since we have many vastly improved varieties, no garden is complete where they are omitted. Being perfectly hardy they endure the severest winters, have no insect pests, and are not subject to diseases of any kind. Once planted they remain, increasing in size from year to year, and while they begin blooming almost at once yet they do not reach their highest perfection until about the third or fourth season. Are easily grown and do well almost anywhere, but a rich, deep soil and sunny place suits best, producing finer bloom with brighter colors. An abundance of water while growing, and when in bloom, is good also. They are profuse bloomers and rival the finest roses in beautiful colors. Foliage rich and massive; a handsome plant, even when not in bloom, whether planted alone on the lawn or with other plants or shrubs. Some bed them with hardy Lilies, as they will bloom before the Lilies and afterwards supply foliage which is lacking in the Lilies. Order your Paeonies now. THE FALL IS THE BEST TIME TO PLANT.

Anemonaeflora Rubra—Fine dark crimson with golden anthers.

Delachea—Rich deep crimson, very late.

Edulis Superba—Light rose, white bands.

Festiva Alba—Pure white. Each, 35c.

Fragrans—A very fine pink sort, which is also deliciously fragrant.

Golden Harvest—Very fancy; center white with carmine tips; color clear yellow; guard petals pink. Nearest approach to a yellow peony. Each, 40c.

Marie Lemoine—Beautiful flesh pink changing to white when well developed.

Officinalis Rubra—Deep crimson; very early.

Princess Mathilda—Pure rose.

Rosea Superba—Fine full rose pink, extra large bloom.

Victoria—Pure white, with yellow center.

PRICES, Exceptas Noted—Strong roots, each, 25c.; doz., \$2.50.

The Set of 11, \$2.50.

MRS. EGBERT N. MOORE, New London Co., Conn., writes: "The seeds and plants received last year were excellent; the Pinks were especially fine, best we ever had."

MISS ANNA MURRAY, Hillsboro Co., Fla., writes: "I received Bulbs and Plants in good shape. I wish to thank you for free bulbs you sent."

MRS. J. J. SMITH, Clay Co., Ills., writes: "I am well pleased with last year's order and will favor you with another this season."



Rudbeckia, Golden Glow,

Stokesia Cyanea Cornflower Aster

One of the most valuable hardy bedding plants, recently introduced. Once seen, everyone wants a bed of them. We regret our picture, while it is a good one, fails to do justice to its delicate beauty. It is universally admired by everyone. The plants grow 18 to 24 inches high and produce its Bachelor-Button-like, light lavender-blue flowers, which are four to five inches in diameter, and from early in July until late in October, after the frost has destroyed almost all other flowers. It is very easily grown in almost any situation, but care should be taken that water and ice do not remain on the plant during winter. It is desirable as single specimens in mixed hardy borders, or may be used in large masses with striking effect. The flowers are one of the finest for cutting. No collection of hardy plants is now complete with Stokesia omitted.

Plants, each, 15c.; 2 for 25c.

Sweet William

A splendid plant in clumps or borders. A great variety of rich colors. Very fragrant. Our plants are grown from select stock.

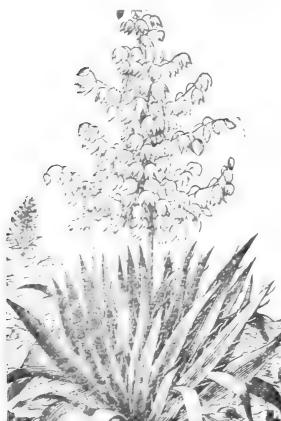
Double or Single. Plants, each, 10c.; doz., \$1.00.

Tritoma

NEW EVERBLOOMING, PFITZERII

Throws up tall spikes of bright crimson flowers, all through the summer and fall. A greatly improved variety of the old "Red Hot Poker Plant," blooming more freely and being a more solid red in color. Fine plant in beds or on the lawn and nothing finer for cutting to use in large vases.

Each, 25c.



Yucca (Adam's Needle)

Yucca (Adam's Needle)

A tropical looking plant, with long, narrow leaves that remain green the entire year; flower stem 3 or 4 feet high, bearing a large spike of cream white, bell-shaped flowers that retain their beauty a long time; fine plant for cemetery, lawns, center plants, etc. Perfectly hardy.

Good Roots. Each, 35c.

MRS. SEARS, Crawford Co., O., writes: "Am much pleased with seeds and plants. They arrived in fine condition. I very much appreciate the extra plants you sent."

Platycodon Grandiflorum "Chinese Bell-Flower"

Blooms the entire season. Flowers large, bell-shaped, deep blue. Rapid growing, will do well in any ordinary soil. Perfectly hardy, dense bush, 2 to 3 feet high. Each, 15c.; 2 for 25c.

Poppy ORIENTALE

Very attractive deep red flowers grown on strong stems 2 to 3 feet high, with abundant foliage. Flowers enormous size. Each, 15c.; doz., \$1.50.

NUDICAULE—(Iceland Poppies)—These grow to about one foot high, bearing their beautiful cup shape flowers, in colors ranging from white and yellow to deep orange. Quite fragrant. Each, 15c.; doz., \$1.50.

Rudbeckia Golden Glow

A grand, good, hardy, herbaceous plant of easy culture. A plant set out in the fall will give an abundance of foliage and bloom next summer. Averages five to six feet in height and forms large clumps in a year or two, which produce, literally, armfuls of rich, deep golden-yellow flowers on long stems in beautiful contrast with its rich dark green foliage. A fine plant to grow in center of beds or as back-ground for beds of **Scarlet Sage**, *Tritoma*, or other scarlet blooming plants.

Each, 15c.; doz., \$1.50.

Shasta Daisies

These are very hardy, and bloom better and more abundantly each season, the blooming period lasting for several months. They are not particular as to soil. The flowers are extremely large and graceful—averaging 3 to 4 inches across, with three or more rows of petals of the purest glistening whiteness, on single stems nearly two feet in length.

Each, 15c.; doz., \$1.50.



Vase of Stokesia Cyanea.

Ornamental Trees

We have a fine lot of this stock, grown on our own farm, and in the very best condition. We offer the following varieties, all about 8 feet high:

North Carolina and Golden Poplar;
Silver, Cut Leaf and Norway Maple;
European Linden;
American Elm;
Salisbury;
Horse Chestnut;
Catalpa;
Camperdown Elm;
Weeping Mulberry;
Cut Leaf Alder, Etc.

Also an assortment of Fruit Trees. Write us for prices on any of above or other stock you think of planting.

Hardy Ornamental Shrubs

Hardy stock will bear shipment and replanting in the fall, and recover from any possible injury much better than at any other season of the year.

Althea (Rose of Sharon)

Strong, erect-growing shrubs of the easiest culture, which bears large and showy flowers in early fall. Very desirable as an ornamental hedge plant and on account of flowering when few other shrubs are in bloom.

Totus Alba—Single White. **Rubra Plena**—Double Rose.

Above, each, 25c.; the 2 for 45c.

Barberry Each, 25c.; doz., \$2.50.

Used as hedge plants quite extensively, yet they make nice specimen plants when planted singly or in groups in the lawn.

Thunbergii—Very pretty; of dwarf graceful habit; foliage small, changing to beautiful bright red early in fall; very showy.

Purple Leaved—Both foliage and fruit is of violet purple color. A very striking and beautiful shrub.

Deutzia Each, 25c.; doz., \$2.50.

Recommended for hardiness, good habit, great profusion of bloom, and as being in every respect one of the most desirable hardy shrubs in cultivation. The flowers appear in June and are borne in racemes from 4 to 6 inches in length.

Gracilis—Flowers, white, single.

Crenata flore-pleno—Double, white, back of petals pinkish.

Forsythia (Golden Bell)

Among the best of our very early spring-flowering Shrubs; the flowers appear before the leaves.

Fortunei—Leaves dark green; flowers bright yellow; early; fine, upright growing. Each, 25c.

Honeysuckle Each, 25c.

(Bush or Upright) Beautiful when in bloom, but even more so when berries appear, which remain through the season.

Tartarica—Pink and white flowers followed by white berries.

Grandiflora—Large clear rose colored flowers. Fine new sort.

Hydrangea (Paniculata Grandiflora)

One of the best of flowering shrubs; absolutely hardy in all sections of the country. Easy to grow. Flowers in immense panicles, white at first, gradually changing to rose color. In bloom July to September. **Strong Plants**, each, 25c.

Lilacs (Syringa) This well known and fragrant flower needs no description. They grow freely and bloom profusely, even in poor soil. Bloom in May.

Purple—The old Purple variety. Each, 25c.

White—The old White variety. Each, 25c.

Japonica—The only one having tree form. Flowers white, showy, borne in long plumes, 18 to 20 inches. Very handsome. Blooms in July. Each, 35c.

Philadelphus (Syringa) (Grandiflorus) — Mock Orange—Flowers large, snow white, very popular shrub. Blooms in June. Each, 25c.

Snowball (Viburnum)

Japanese—One of the grandest shrubs. Growth upright and compact. 6 to 8 feet high. Foliage olive-green throughout the summer, but toward fall it turns much darker. Flowers pure white, four to six inches across and completely cover the bush. Each, 35c.

Sterilis—(Common Snowball)—Large ball-shaped blooms of pure white, borne in clusters about last of May. Each, 25c.

Spireas Each, 25c.; doz., \$2.50.

Everyone should plant these graceful shrubs; of easiest culture; very desirable in collections; bloom early and throughout the summer months. Perfectly hardy.

Anthony Waterer—Valuable hardy ornamental shrub. Grows in a compact, bushy form. Perpetual bloomer, bearing large clusters of bright crimson flowers.

Prunifolia (Plum Leaved Spirea)—Well known and popular.

Thunbergii—One of the most charming of all low-growing shrubs, with fine foliage and a provision of small white flowers.

Van Houtte—A vigorous plant that curves gracefully towards the ground, and the last of May or in June are covered with a mass of pure white bloom.

Sweet-Scented Shrub (Calycanthus Floridus)

Chocolate colored, strawberry-scented flowers, very double, deliciously fragrant; remains in bloom a long time. Very desirable. Each, 25c.

Weigelia Handsome summer-flowering shrubs, with an abundance of tubular, trumpet-shaped flowers, borne in clusters. **Candida**—Pure white. **Rosea**—Blush white.

Each, 25c.; the 2 for 45c.

COLLECTION HARDY SHRUBS

From this collection you will have something in bloom from April to September. Will send one each FORSYTHIA, LILAC, DEUTZIA, SNOWBALL, SPIREA ANTHONY WATERER, AND HYDRANGEA PANICULATA, ALL FOR \$1.00.

HARDY CLIMBERS

Akebia Quinata

One of the best hardy climbers. Bears throughout the season numberless clusters of fragrant violet-brown flowers, with a pleasant cinnamon odor, followed by purplish berries. Blooms early in spring, continuing several weeks. Each, 25c.

Ampelopsis (Boston Ivy)

VEITCHII—The Popular Boston or Japan Ivy—The finest climber for training over brick walls, trees, etc., as it clings firmly to the smoothest surface, covering it smoothly and densely with fresh, green heart-shaped leaves in summer which later take on the deep bright scarlet shades in Autumn. It likes a rich soil; quite hardy in our climate. Each, 25c.

QUINQUEFOLIA (Old Virginia Creeper, "American Woodbine")—Absolutely hardy under all conditions; rapid grower; very useful for covering walls, old trees, sheds, etc. Each, 25c.

Aristolochia Siphon (Dutchman's Pipe Vine)

A magnificent perfectly hardy vine of rapid growth with very large heart-shaped leaves and brownish flowers, resembling in shape a miniature pipe; splendid for archways or verandas. The leaves retain their light green color until late in the fall. **Strong Plants**, 50c.

Bignonia Radicans (Trumpet Flower)

A rapid growing climber with long dark red trumpet-shaped flowers, with orange throat; very hardy. Each, 25c.

Cinnamon Vine Each, 10c.; 3 for 25c.; doz., 75c.

Perfectly hardy, dying down every autumn but growing up again in the spring so rapidly as to cover a trellis or arbor very early in the season. Easy to cultivate, have no insect enemies, and are not affected by drought, because they root so deeply.

Clematis The Justly Proud Queen of all Climbers

A rapid grower, and delights in a heavy rich soil and sunny position. Dig the soil deep and plant so that the crown of the roots will be three inches below the surface of the soil, water freely, especially in dry times; give plants a good top-dressing of well-rotted manure late in the fall, and in the spring spade well and carefully into the soil and you will be well repaid.

M. KOSTER—New. A beautiful variety of rich rosy carnation bloom; a strong free grower and free flowering; one of the hardiest. Each, 50c.

JACKMANII—Flowers dark, rich royal-purple; very free bloomer; the best known and most popular. Seen everywhere on porches and buildings. Each, 50c.

HENRYII—Best single-flowered white. Robust habit; a fine bloomer; large finely formed pure white flowers; very hardy. Each, 50c.

SEIBOLDII—Extra large; a beautiful lavender; strong grower; very hardy. Each, 50c.

PANICULATA GRANDIFLORA—New Sweet-Scented Japan Clematis

—One of the finest additions to our list of hardy climbers. Of very rapid growth, quickly covering trellises and arbors with handsome, clean glossy green foliage. Flowers of medium size, pure white, borne in immense sheets; of a most delicious and penetrating fragrance. The flowers appear late in summer, at a season when few other vines are in bloom. Each 25c.

Honeysuckle Each, 25c. Set of 3 for 65c.

Among the most desirable hardy climbers. Grow with great freedom in any good garden soil. Very desirable for porches.

HALL'S JAPAN (Halleana)—Remarkable for the persistency of its leaves, the foliage remaining green frequently in this climate until January. Flowers pure white, changing to yellow. Very fragrant.

JAPAN GOLDEN-VEINED—Foliage small, beautifully netted with yellow. Flowers white, sweet.

MONTHLY FRAGRANT—A rapid grower; large and very fragrant; color red and yellow.

Ivies Hardy English

Invaluable on account of its remaining evergreen all the year. This is the variety used for covering walls, etc., and has become very popular for covering graves, especially if in the shade where grass will not succeed. Each, 25c.

Wistaria Very popular, hardy, rapid growing. It flowers early in spring, and when in bloom is truly magnificent. Flowers in masses, like bunches of grapes.

CHINESE BLUE—Soft lavender-blue; fragrant. Each, 35c.

CHINESE WHITE, Each, 50c.

COLLECTION HARDY CLIMBERS

One Each Akebia, Clematis Jackmanii, Clematis Paniculata, Honeysuckle Japanese, and Wistaria, all for \$1.25.

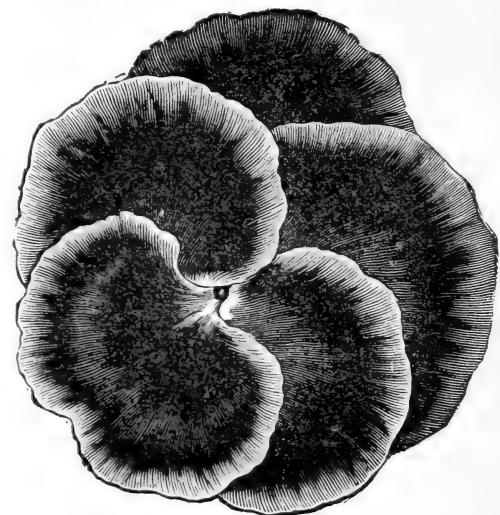
Flower Seeds for Fall Planting.

Quite a little time may be gained by sowing many of the flower seeds in the garden in the fall. The blooming time is thereby proportionately extended. One who is content simply to sow a few seeds in the spring deprives himself of a great amount of pleasure to be gained by fall sowing. They may also be sown in pots or boxes and had in bloom in the house during Winter. Such annuals as Sweet Alyssum, Mignonette, Nasturtiums or other common flowers afford much pleasure in the development and bloom during the winter months, especially by those of the "shut in" class.

	PKT.
Alyssum—Sweet, Pure White, $\frac{1}{2}$ oz., 15c	5
Little Gem, Pure White, very dwarf, $\frac{1}{4}$ oz., 10c	5
Antirrhinum—(Snapdragon) Tall, mixed	5
Giant Flowered, mixed	10
Asparagus—Plumous Nanus	15
Asparagus, Sprengeri	10
Begonia—Tuberous, single, mixed	20
Tuberous, double, mixed	25
Calliopsis	5
Golden Wave	5
Grandiflora	10
Candytuft—Empress, pure white large	5
New Dwarf Hybrids, mixed	5
Mixed, all colors, oz. 15c	5
Carnation—Extra Fine—Mixed	25
Pine mixed	10
Marguerite, double, mixed	5
Cineraria—Large Flowering Hybrida, Choice mixed	20
Second quality	15
Coleus—(Foliage Plant), Fine, mixed	10
Columbine (Aquilegia)—Double, mixed	5
Single mixed	5
Cuphea—(Cigar Plant)	10
Cyclamen Persicum—Mixed	10
Giant Persian	25
Double Daisy (Bellis)—Mixed	5
White	5
Ferns—Hardy, mixed	15
Forget-Me-Not (Myosotis)—mixed	5
Bright Blue	5
Fuchsia—Single and double, mixed	15
Hollyhock—Extra choice, double, mixed	10
Good mixture	5
New Fringed—Mammoth Double Allegheny, mixed	10
Mignonette—Odorata. The common sort	5
Machet	5
Golden Machet	5
Grandiflora	5
Nasturtium—Tall mixed, oz., 10c	5
Dwarf mixed, oz., 10c	5
Petunia—Fine, mixed, single	25
Double, mixed	25
Giant of California, mixed	15
Phlox—Perennial. Hardy. Must be sown in the Autumn as the seeds do not grow well when sown in the Spring. Many shades mixed	5
Poppy—Iceland, mixed colors	10
Primula—(Chinese Primrose), Single White	25
Single Large Flowering, Fringed, mixed	25
Double Large Flowering, Finest mixed	25
Japonica (Japanese Primrose), Bright, showy flowers on long stems, mixed colors	10
Smilax—Charming, waxy-green vine	5
Sweet William—Fine Single, mixed	5
Giant Double, mixed	10

Such varieties as Antirrhinum, Double Daisy, Carnation, Hollyhock, For-get-me-not, Primrose, etc., require Cold Frame protection in cold climates; while others, such as Asparagus, Begonia, Cineraria, Coleus, Cyclamen, Ferns, Fuchsia, Petunia, Smilax, etc. should be sown in house or greenhouse. Aquilegia, Alyssum, Candytuft, Calliopsis, Pansy, Hardy Phlox, Poppies, Sweet Peas, Sweet William, etc., may be sown in open ground in the Autumn and they will make their appearance early in the Spring and come into bloom much sooner than when seed is sown in the Spring.

	PKT.
Sweet Peas—Eckford's, mixed, oz., $\frac{1}{4}$ lb., 20c	5
Livingston's Special Mixture, oz., 10c. $\frac{1}{4}$ lb. 25c	10
Hardy, mixed, (Latifolius)	5
Lavender	5
White	5
Scarlet	5
Pink	5

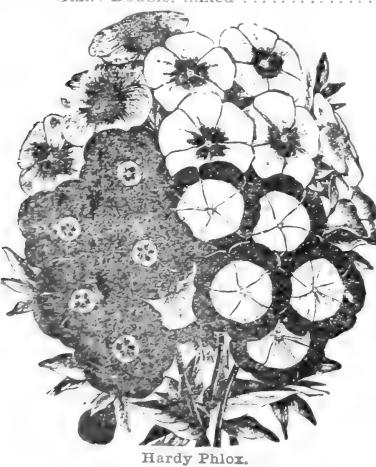


LIVINGSTON'S PANSY SEED.

Pansies sown in the fall produce the finest and largest flowers. Some slight protection should be given during winter. The plants will make an early start in spring and begin blooming almost at once.

	PKT.
Giant Madame Perret, New, large size; rich shades, strong grower	15
Fire King—Golden Yellow, upper petal purple	5
Belgian Striped—A lovely class; various colors	5
Light Blue—Lovely; nearly sky blue	5
Yellow Gem—pure yellow to center	5
Dark Purple—Rich, deep purple; fine	5
Tufted Pansies—Nice little hardy pansies. Very useful for borders	10
Snow Queen—(Snowflake), delicate satiny white	5
King of the Blacks—(Faust), almost black	5
Silver Edged—Dark purple, with a distinct white edging; a most charming Pansy	5
Violet—Margined with white; extra fine	5
German Yellow—A beautiful clear yellow, heavily blotched on the three lower petals	10
Peacock—A strikingly beautiful sort	10
Lord Beaconsfield—Very attractive purple-violet and white	5
Livingston's Fancy Mixed Pansy Seed—A strain of Pansy, which, for variety and beauty, has no equal. Its large and perfectly formed blooms with thick, velvety petals of an endless variety of rich and delicate colors and tints, distinguish this strain from all others. We invite a trial order from you, knowing that such an order would result in future trade. Do not be misled and buy cheap Pansy Seed, as a few cents extra for good seed will bring good returns. If you grow for market, Livingston's Fancy Mixed Pansy Seed will put many extra dollars in your pocket. Packet, 25c; 5 pkts., \$1.00	10
Giant Trimardeau—Mixed	10
German Imperial—Mixed	10
Mammoth Butterfly Mixture—Fine, 2 pkts., 25c.	15
Large Flowering—Very fine mixture, $\frac{1}{2}$ oz., 25c.; $\frac{1}{4}$ oz., 40c.; oz., \$1.25	10
Good Quality—Mixed, oz., \$1.00; $\frac{1}{4}$ oz., 30c.	5

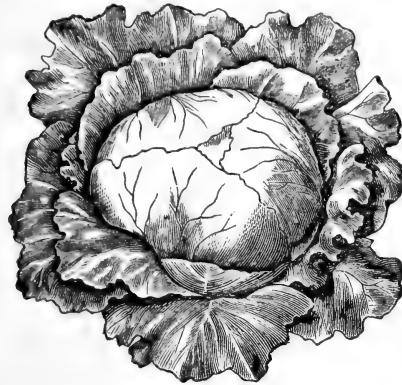
Special Pansy Offer Any 6 of the 5-cent packets for 25c.; 15 of the 5-cent packets, and one packet "Livingston's Fancy Mixed Pansy," for 75c. A 10c. packet may be counted as two 5c. packets.



Ask for our
1905
SPRING
CATALOGUE
of
Garden, Field
and
Flower Seeds.
Ready Jan. 1st.
Free
on request.
Send TO-DAY
while you have
it in mind. A
card will do,
or ask for it
when ordering
Fall Bulbs, etc.
THE
LIVINGSTON
SEED CO.,
COLUMBUS,
OHIO.

VEGETABLE SEEDS

We include in our list of Vegetable Seeds those of special merit. We trust this price list will be helpful to those who require seeds for fall planting or to those who do not receive our regular Seed Annual early enough. Our Southern friends will, no doubt, find use for it. For full descriptions of any of the varieties send for our Seed Annual. Prices on Vegetable Seeds include postage. If sent by express, purchaser paying the charges, the postage may be deducted at the rate of 8c. per pound or pint, and 15c. per quart.



Eureka First Early Cabbage.

ASPARAGUS ROOTS.

Gain time by planting roots. Ready in October.

	Doz.	Per 100
Columbian Mammoth White	35	\$1 25
Donald's Elmira	35	1 25
Palmetto	35	1 25
Conover's Colossal	35	1 25

Special prices in larger quantities.

ASPARAGUS SEEDS.

Sow seed for cheap lot of plants.

	Pkt.	Oz.	1/4 lb.	Lb.
Columbian Mammoth	5	10	25	65
Donald's Elmira	5	10	25	75
Palmetto, true stock	5	10	20	55
Conover's Colossal	5	10	20	45

BEETS.

Crosby's Improved Egyptian. Very early; small tops and roots.	10	15	30	\$1 00
Early Eclipse	5	10	20	55
Early Egyptian, early, dark blood-red.	5	10	20	50
Dewing's Improved Blood Turnip	5	10	20	60
Long Dark Blood	5	10	20	45
Edmand's Early Turnip	5	10	20	50

BEANS.

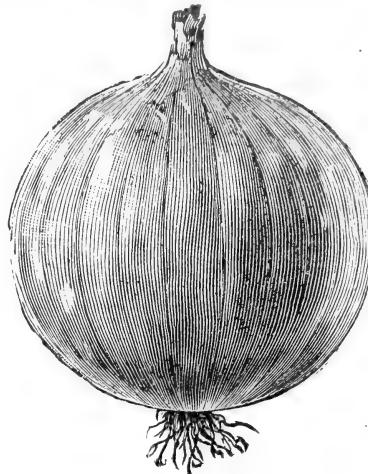
	Pkt.	Pint.	Qt.	
1/2 pints at pint rates.				
Livingston's Round Six Weeks	10	25	45	
Extra Early Mohawk	10	25	45	
New Bountiful	10	30	50	
Refugee or 1000 to I	10	25	45	
Livingston's New Yellow Pencil Pod Wax	10	30	55	
Challenge Black Wax	10	30	55	
Golden Wax	10	30	55	
New Round Pod Kidney Wax	10	30	55	

CABBAGE.

	Pkt.	Oz.	1/4 lb.	Lb.
Early Jersey Wakefield	5	25	60	\$1 85
Eureka First Early	10	4	1 25	3 50
Burpee's All Head	5	25	65	2 00
Large Charleston Wakefield	5	25	65	2 00
Henderson's Early Summer	5	20	60	1 85
Early Winningstadt, hard header.	5	20	60	1 75
Henderson's Succession	5	20	65	2 00
All Seasons, or Vadergaw	5	20	65	2 00
Livingston's Ideal Winter, large, shapely heads. 1/2 oz., 15c.	10	25	75	2 50
Livingston's Premium Flat Dutch	5	25	65	2 25
Burpee's Sure Head	5	20	65	2 00
Illinois Winter Market	10	30	1 00	3 25
Rock Red Mammoth	5	25	65	2 25

CARROT.

	Pkt.	Oz.	25	85
Livingston's Early Market	5	10	25	85
Guaranda, or Ox-Heart	5	10	25	85
Danver's Half-Long	5	10	20	75
Improved Chantenay	5	10	20	75



Yellow Globe Onion.

CAULIFLOWER.

	Pkt.	1/4 oz.	Oz.
Livingston's Earliest, early, sure header, large, solid, white as snow.	25	90	\$3 50
Henderson's Early Snowball	25	75	2 50
Late Large Algiers	10	30	75
Veitch's Autumn Giant	10	20	45

CELERY.

	Pkt.	Oz.	1/4 lb.
Livingston's New Snowwhite, pure white.	10	50	1 75
Giant Pascal, splendid keeper.	5	20	50
White Plume, very choice strain.	5	25	65
Golden Self Blanching, very choicest stock.	10	35	1 15
Giant Golden Heart, large, beautiful.	5	20	60
Pink Plume, exquisite color; very crisp.	5	20	60

CUCUMBER.

	Pkt.	Oz.	1/4 lb.	Lb.
Livingston's Emerald. Long, straight, slim, smooth, dark green.	10	25	65	2 25
Livingston's Ex. Early White Spine. Our private strain for 30 years.	5	25	65	2 25
New Cumberland. Very handsome.	5	20	50	1 75
Arlington Improved White Spine. Ex. Long or Evergreen White Spine.	5	25	75	2 25
Green Prolific, fine pickle.	5	25	60	2 00
Early Green Cluster	5	25	60	2 00
Improved Long Green. Gherkin, or Burr—For pickles only.	5	25	60	2 00
Jersey Pickling.	5	25	60	2 00

KALE.

	Pkt.	Oz.	1/4 lb.	Lb.
Siberian, or Dwarf German Green	5	10	20	55
Dwarf German-Curled Scotch	5	10	25	75

LETTUCE.

	Pkt.	Oz.	1/4 lb.
Wonderful, of largest size.	5	15	45
Improved Hanson, makes fine, solid heads.	5	10	35
Big Boston, fine, early out doors.	5	15	40
Black Seeded Simpson, select stock.	5	10	35
Early White Cabbage, or Phila. Butter.	5	10	35
Iceberg, quick growing, fine quality.	5	15	40
Crisp as Ice, very crisp, delicious.	5	15	50
Prize Head, light green, edged brown.	5	10	30

MUSHROOM SPAWN.

Livingston's Sure Crop English Spawn. The best obtainable. Booklet "Mushroom Culture," free to patrons. Price, lb., 30c.; 5 lbs., \$1.25. By express (not prepaid) 5 lbs., 75c.; 10 lbs., \$1.25

ONION.

	Pkt.	Oz.	3/4 lb.	1 lb.
Large Red Wethersfield, good copper	5	10	30	1 00
Southport Large Red Globe , dark Red	5	10	35	1 25
Yellow Danvers, earliest yellow sort	5	10	30	1 00
Ohio Yellow Globe	5	15	45	1 75
Select Yellow Globe Danvers	5	15	40	1 25
Philadelphia Yellow Strasburg	5	10	30	1 00
Southport Large Yellow Globe	5	15	40	1 25
Mammoth Yellow Prize-Taker	5	15	40	1 50
Southport Large White Globe	5	20	60	2 00
Indiana Silverskin, fine for sets	5	15	45	1 75
Bloomsdale Extra Early Pearl	5	20	50	1 75
Mammoth Silver King, early pure white	5	20	60	2 25
Neapolitan Maggiolino	5	20	50	1 75
Extra Early White Bartlett	5	20	60	2 00

PARSLEY.

	Pkt.	Oz.	3/4 lb.
Fine Double Curled, crimped	5	10	20
Champion Moss-Curled, fine color	5	10	20
Hamburg Turnip-rooted	5	10	20

PEAS.

	Pkt.	Pt.	Qt.
Livingston's First in Market	10	25	45
Extra Early Alaska	10	20	40
American Wonder	10	25	50
Little Gem	10	25	45
Notts Excelsior	10	25	45
New Prosperity or Gradius	10	35	60
Champion of England	10	20	40

PEPPER.

	Pkt.	Oz.	3/4 lb.
Mammoth Ruby King, very mild	5	25	70
New Chinese Giant, largest size	10	50	1 50
Large Bell or Bull Nose, fine stock	5	20	60
Small Cayenne	5	25	75
Long Red Cayenne	5	25	75
Mixed Mango Peppers, for Stuffing	10	40	60
Red Hot Mixture, for pepper sauce	10	40	60

RADISH.

	Pkt.	Oz.	3/4 lb.	1 lb.
Improved Scarlet Globe, quick grower	5	10	25	75
Cincinnati Market, fine long red	5	10	25	75
Livingston's New Pearl, long white	5	10	25	75
Early Deep Scarlet Turnip, round red	5	10	20	60
Rosy Gem, Scarlet top, white tip	5	10	20	60
Improved Chartier or Sheppard	5	10	20	60
Wood's Early Frame, earliest long red	5	10	20	60
Long Scarlet Short Top, dark red	5	10	20	60
Early Scarlet Turnip, large, round	5	10	20	60
White Strasburg, large and good	5	10	20	65
Livingston's Radish Mixture, all shades and shapes, early and late; once sown good for all season. Large pkt., 10c.; oz., 15c.; 3/4 lb., 30c.; 1 lb., \$1.00.				



Thick Leaved Spinach.

SPINACH.

	Oz.	3/4 lb.	1 lb.
Prickly-Seeded Winter, very hardy	5	15	35
Viroflay Thick Leaf, fine color	5	15	35
Long Standing, dark rich green	5	15	35
Bloomsdale Savoy, earliest sort	5	15	35
Victoria, very thick leaf	5	15	35

SALSIFY.

	Pkt.	Oz.	3/4 lb.
Mammoth Sandwich Island	5	15	45
Wisconsin Golden	5	15	45

TOMATO.

If you do not buy another seed of us, you must have Livingston's Tomato seeds to insure success.

	Pkt.	3/4 oz.	Oz.	3/4 lb.
Livingston's New Dwarf Stone, large	15	30	50	\$1 50
Livingston's Beauty, early purple	10	15	25	75
Livingston's Stone, fine, large, red sort	10	15	25	75
Livingston's Buckeye State, purple	10	15	25	80
Livingston's Dwarf Aristocrat, red	10	15	25	80
Livingston's Perfection, early red	10	15	25	75
Livingston's Favorite, red	10	15	25	75
Livingston's Paragon, red	10	15	25	75
Livingston's Golden Queen, large	5	15	25	75
Livingston's Honor Bright	10	15	25	75
Livingston's Magnus, early, purple	10	15	25	75
Ponderosa, very large purple	5	20	35	1 00
Improved Dwarf Champion, purple	10	20	35	1 00
Yellow Plum, for preserves	5	15	25	
Ground Cherry or Husk, for preserves	5	15	25	

TURNIPS.

	Pkt.	Oz.	3/4 lb.	1 lb.
Extra Early Purple Top Milan	5	10	25	75
Extra Early White Milan, pure white	5	10	25	85
Purple Top Strap Leaf, fine stock	5	10	20	50
Purple Top White Globe	5	10	20	50
Early White Egg, mild and sweet	5	10	25	75

LIVINGSTON'S LAWN REQUISITES

YOU CAN HAVE A LAWN OF RICH VELVETY TURF.

Livingston's Capital Lawn Seed Mixture.



This mixture has been prepared and sold by us in all parts of the country for years, and it gives the best of satisfaction.

In making a lawn great care should be taken to use only the very best quality of seed, so as to produce a soft, velvety, ever-green sod.

This mixture weighs about 20 pounds to the measured bushel and is not surpassed by any on the market.

The quantity of seed required to sow an acre (43,500 sq. ft.) for new lawns is not less than 4 bushels, for renovating old lawns, from 1 to 2 bushels.

A pound will sow about 500 square feet.

Prices, First Quality—per lb., 35c., postpaid; bus., \$3.50;

2 bus., \$6.50; 5 bus., \$15.00.

Livingston's Lawn Seed Mixture can be had with or without White Clover, as customers prefer.

GOLF LINKS MIXTURE.

We make a mixture of grasses suitable to the purposes of the Golf Links, as it will stand rough usage. We can also make up any desired mixture if formula is submitted. Let us name you prices on our own or your mixture.

KENTUCKY BLUE GRASS.

Many prefer plain Blue Grass to a mixture, and it cannot be denied that it produces a beautiful and lasting lawn. It takes longer, however, to get it established. Price, Fancy Clean Seed, 1b., 30c., postpaid; bus. (14 lbs.) \$2.25.

Our 32-page Booklet, "GRASS TALKS," gives every detail, from the preparation of the soil, the time to sow, the quantity of seed needed, to the finished lawn, and how to care for it, so plainly that no mistakes can be made. It is sent free to customers. 20 cents per copy to others.

OUR LAWN GRASS MIXTURE FOR SHADY SITUATIONS.

On nearly all lawns there are shaded, bare and unsightly spots on which many have difficulty in getting a stand of grass; for such places this mixture is adapted. Should the ground have become "sour" or drainage defective, it is apt to be covered with moss. If such is the case, apply some lime or land plaster to sweeten it, after first removing the moss, then rake thoroughly and sow the seed at the rate of 4 bushels per acre. Price, per lb., 50c., postpaid; 5 lbs., \$1.75; bus., \$6.50.

WHITE DUTCH CLOVER.

The very best variety for lawns, as it forms a close herbage, never gets so high that the mower cannot be used, and remains green throughout the season. Sow in spring at the rate of 5 pounds per acre when sown alone, half the quantity when sown with other grasses. Price, per lb., 50c., postpaid; 10 lbs., \$3.50; 100 lbs., \$30.00.

BONE MEAL FOR LAWNS.

10 pound bag \$ 40
25 pound bag, enough for 600 square feet 75
50 pound bag, enough for 1,200 square feet 125
100 pound bag, enough for 2,500 square feet 200

Grass Seed prices do not include prepayment of Freight or Express charges.

SMALL FRUITS.

It is a great pleasure to be able to pick fresh, ripe fruit from the plants, in fact, one does not realize what they have missed until they secure some of the small fruits, at least, if only a few in the back yard. To aid in getting started to using our fruit plants we have made very low prices, high grade stock considered.

PLANTS BY MAIL.—The prices quoted on pot grown plants do not include postage. If wanted sent by mail we send slightly smaller plants and it will be necessary to wash soil from the roots.

GUARANTEE.—The plants being propagated in special beds, and labeled when taken up, it seems impossible to make a mistake, but if one does occur we are not to be held responsible for any damage beyond the amount received for the plants.

RESULTS.—We have no control over plants after their delivery, in good shape, for transportation; hence, we cannot guarantee any results whatever, but our responsibility ceases when delivered to Express Company's agent for shipment.

Dip the roots in water as soon as received, and bury the roots in moist, shady ground till you are ready to set them out; neglect for an hour or so is often fatal.

Pot-Grown Strawberry Plants.

Set them out at once and they will produce a crop next season.

You gain a whole year by planting our Pot-Grown Plants. We are prepared to fill orders for them at once. Field-grown plants will be sent in October. Our pot-grown plants are much superior to the field-grown plants, as there is no loss of the fibrous roots, and they are more vigorous, having been given plenty of water and rich soil while growing. They never stop growing when removed from the pots to the garden.

Culture.—Plant in September or October on good ground deeply worked and well manured. Set in rows 3½ feet apart 15 inches in rows for field culture; 15 inches each way for garden. Cultivate clean; mulch late in the fall and uncover early in spring. Remove mulch after fruiting and spade in a light dressing of manure.

We have the following eight varieties in Pot-Grown Plants—Nichol's Granville, Uncle Jim, Marie, August Luther, Clyde, Haverland, Springdale Beauty and Senator Dunlap. We can also supply these varieties in LAYER PLANTS at one-half the prices quoted for pot-grown plants.

UNCLE JIM (S) This grand new variety belongs in the front rank. Growers in various sections are enthusiastic in its praise. It is a strong grower and rust proof. Season late—a little earlier than the Gandy and may be picked for four or five weeks; every one is a perfect berry to the last; they are exceedingly productive. A No 1 shipper, large size, fine color and of excellent flavor; ripens evenly; there is no green end or hard core. Price (pot grown plants) doz., 75c.; 25 for \$1.25; 100 for \$4.00.

NICHOL'S GRANVILLE (S) A distinct new variety of great value. Of large size, perfect shape, very dark and glossy when fully ripe, is produced in clusters on long strong stems well up from the soil. Flesh firm, rich dark red and of delicious sweet flavor either when fresh or canned. One of the **VERY BEST** for canning. Medium to late in time of bearing, and holds up in size fruit throughout the season. The fruit remains firm for some time after being fully ripe. Grows an abundance of vigorous and healthy plants, many of which are densely crowded. Price (pot grown plants) doz., 75c.; 25 for \$1.25; 100 for \$4.00.

MARIE (P) In field culture it has failed to show any weak points in either fruit or plant. The plants make plenty of runners and show no sign of disease. Medium early large and hold up in size to the last. Very productive. Very attractive in appearance when ready for market; are round as a ball, dark crimson in color; flesh dark and quality first-class. Marie brings fancy prices. Price (pot grown plants) doz., 60c.; 25 for \$1.00; 100 for \$3.50.



Pot-Grown Strawberry Plant.

Varieties marked (P) have imperfect flowers; they will not produce well unless every 4th or 5th row is a perfect flowering variety. Those marked (S) are perfect flowering. When planted as above the imperfect (P) flowering sorts are the most prolific. NO PLANTS SHIPPED BY FREIGHT.

NICHOL'S GRANVILLE (S) Many large growers pronounce this "the greatest all round variety ever introduced." Foliage very dark green; the plants are produced in great abundance and are very hardy, and so far show no sign of rust. Wonderfully productive even in a matted row and generally brings every berry to maturity. The berry resembles the Warfield in size and color; ripens at the same time, but is a sweeter and better keeper; remains in bearing until late; beautiful in form and color; is easily picked and hulled. Price (pot grown plants) doz., 50c.; 25 for 80c.; 100 for \$3.00.

SPRINGDALE BEAUTY (S) Growing in favor very rapidly. Plants hardy and productive; root deep and stand drouth well. Fruit borne on tall stems perfect in shape, bright and beautiful in color, enormous in size; very prolific; a wonderful keeper. Price (pot grown plants) doz., 50c.; 25 for 80c.; 100 for \$3.00.

AUGUST LUTHER (S) A real early variety. Plants vigorous and prolific; berries medium to large, conical, bright scarlet color; flesh light red, good quality; valuable for market and home use. Price (pot grown plants) doz., 50c.; 25 for 80c.; 100 for \$3.00.

CLYDE (S) Gives entire satisfaction in all parts of the country; perfectly healthy; berries keep up in size, are firm and of uniform conical shape, first-class pollener for Haverland. Medium early. Price (pot grown plants) doz., 50c.; 25 for 80c.; 100 for \$3.00.

HAVERLAND (P) A grand market berry; should be planted with Clyde or some other good pollener; immensely productive; its scarlet fruit is large, cone-shape. Early to late. Price (pot grown plants) doz., 50c.; 25 for 80c.; 100 for \$3.00.

FIELD-GROWN LAYER PLANTS.

The following varieties can be supplied in Field-Grown Layer Plants, only, at the uniform price of—Doz., 25c.; 100 for \$1.00, postpaid. By Express, not prepaid, 100 for 75c.; 1000 for \$3.50.

BUBACH (P) A very popular variety of the very largest size, and the quantity of fruit produced is simply enormous. The ground about the plants are often literally covered with the large fruits. The size of fruit holds up well throughout the season. The heaviest yielder of great big berries now offered. Shape round, slightly flattened; flesh medium firm, and quality good; color orange scarlet; ripens evenly. Exceptionally good for home use or market, but perhaps too large for a shipper. Plants large, vigorous and healthy.

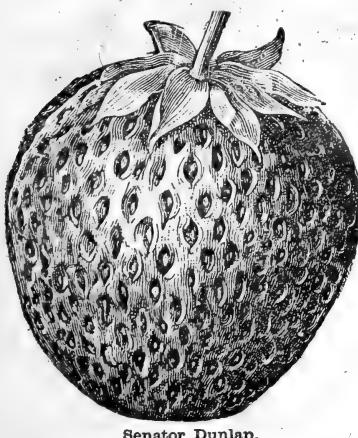
EXCELSIOR (S) An abundant plant maker; fruit good size, roundish heart-shape, very uniform, dark red, quite firm; productive. Early.

NICK OHMER (S) Very large, handsome, showy berry of extra high quality when grown on good soil and given high cultivation. Medium to late.

ROUGH RIDER (S) Very productive, extremely vigorous. fruit large and attractive, firm, very late, good keeper, fine flavor, irregular in shape, dark color. Sells at highest prices.

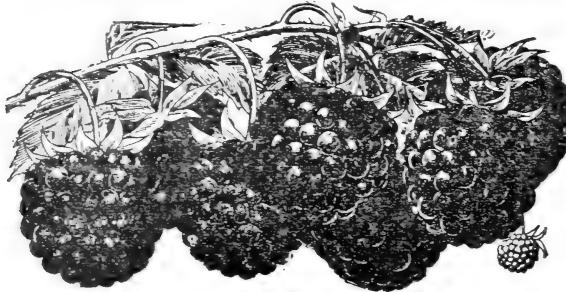
SAMPLE (P) Berries large, round, very dark rich crimson; flesh firm, dark, rich, juicy, of splendid quality; productiveness fine form, handsome appearance and high quality makes it one of the best.

WM. BELT (S) Mid-season. A giant in size; productive; brilliant red; quality fine; good shipper.



Senator Dunlap.

POT-GROWN PLANTS READY IN AUGUST. LAYER PLANTS OCTOBER 1st.



Haymaker Raspberry.

Raspberries

Should be planted in rows about 3 feet apart. 50 plants at the 100 rate; 6 at the dozen rate.

CUMBERLAND (Black Cap)—Stands at the head of the list. It is the largest, most productive, handsomest and best flavored berry we know of. Strong, healthy grower. Ripens mid-season.

COLUMBIAN (Purple Cap)—A fine, large, deep purplish-red berry of high flavor; hardy; productive; grand berry for table and canning.

RASPBERRY PRICES—Cumberland, The King, Cardinal and Haymaker, postpaid, each, 10c.; dozen, 75c. By express 100 for \$2.00. Munger, Gregg, Kansas, Loudon and Columbian, postpaid, each, 10c.; dozen, 60c. By express, 100 for \$1.50.

Currants.

The plants of this fruit should be set 4 feet apart in good rich soil. Cultivate well.

FAY'S PROLIFIC—Abundant yielder, large, bright red berries; early; fine quality.

VERSAILLES—An old standard; very large red, of excellent quality.

VICTORIA—Large, bright red; bunches long; very productive.

WHITE GRAPE—The best white; large, of excellent quality.

NORTH STAR—Very hardy; early; abundant fruitier; strong grower.

RED DUTCH—Profuse bearer; very strong grower.

PRICES of each of the above Currants—One-Year

Plants, postpaid, each, 10c.; 3 for 20c.; doz., 75c.; 25

for \$1.25.; 50 for \$2.25. By Express, not paid, 25

for \$1.00; 50 for \$1.75; 100 for \$3.00. Two-Year

Plants, 25 for \$1.25.; 50 for \$2.25; 100 for \$4.00.

Price per 1000 on application. Two-year plants are too large to go by mail.

Grapes.

The grape vine is of easiest culture, succeeds almost everywhere. Everyone should have them in abundance.

MOORE'S DIAMOND—Fruit white, changing to yellow tinge when ripe; very juicy; has few seeds; quality unexcelled; size, medium. Very early. Hardy.

NIAGARA—Bunch and berries large, greenish-white, light yellow when ripe; skin thin, tough; quality like Concord.

GREEN MOUNTAIN—Bunch and berries medium; white; skin thin; quality superb. Extra early and hardy.

CAMPBELL'S EARLY—Of Special Merit, with very strong, vigorous, hardy vine and large, thick, healthy midleaf resisting foliage; abundant clusters of very large, compact and handsome black grapes, with blue bloom; flesh rich and sweet; very early; seeds few, small, and part readily from the pulp.

CONCORD—Universally popular; succeeds everywhere; purplish-black. Very productive.

WORDEN—Popular black grape; earlier than Concord; larger bunch and berries.

DELAWARE—Bunch small; compact; light red; very sweet; delicious flavor.

AGAWAM—(Rogers' No. 15.) A fine red; berries very large; skin thick; flesh meaty; juicy and of the highest flavor. Good keeper. Medium early.

PRICES OF ABOVE GRAPES—One-Year Vines, postpaid, each, 10c.; 6 for 45c.; 10 for 75c. By Express, not paid, 100, \$5.00. Two-Year Vines, doz., \$1.00; 25 for \$1.75; 50 for \$3.35; 100 for \$6.00.

MCPIKE—Earlier than Concord. Vigorous, hardy and productive; very large bunch and mammoth berries, frequently one inch in diameter; extra fine quality. Easily grown, and takes first rank among large sorts. **Choice One-Year Vines**, postpaid—Each, 30c.; 4 for \$1.00. By Express—25 for \$5.00; 50 for \$9.00. **Two-Year Vines**, postpaid—Each, 40c.; 3 for \$1.00. By Express—25 for \$6.00; 50 for \$11.00.

Gooseberries. Plant in good rich soil in rows 5 feet apart by 3 feet in the row.

The New JOSSELYN has no rival. Most magnificent berry ever introduced. Thrifty grower, free from mildew; hardy; productive; large ruby-red berries.

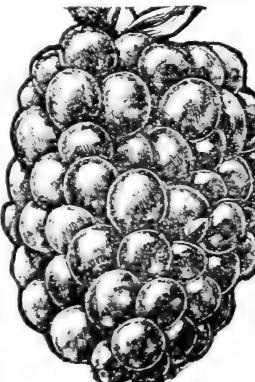
DOWMING—Enormously productive; large; pale green; splendid quality.

COLUMBUS—Of largest size, oval, greenish-yellow; excellent quality; strong grower; large foliage.

GOOSEBERRY PRICES—Postpaid, each, 15c.; doz., \$1.50. By Express, not paid, 100 for \$6.00.

FRUIT PLANTS ON THIS PAGE SUPPLIED IN OCTOBER.

SPECIAL PRICES QUOTED ON LARGER QUANTITIES OF ANY OF THE ABOVE PLANTS ON APPLICATION



Mesereau Blackberry.

Blackberries.

Should be planted in rows 4 feet apart. 6 at the dozen rate, 50 at the 100 rate.

Mesereau (New) — Immense size, extremely hardy and productive. Unites size of Wilson with hardiness of Snyder. Mammoth sized fruit of sparkling black, which it retains long after picking; sweet, rich, melting, insidious, few seeds and almost no core; good keeper and shipper. Very hardy, never has winter-killed in northern New York where it originated. Canes strong, upright; foliage large, abundant and free from rust or blight; yield enormous, season early to mid-season. We believe this to be a grand new sort.

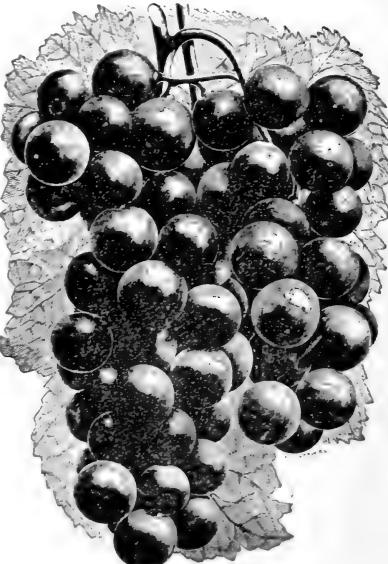
WHITE ICEBERG — As productive, hardy, abundant, handsome and delicious as black ones. Canes loaded with snowy-white berries.

OHMER — Best late; large; ripens after Raspberries; firm; sweet.

SNYDER — Hardy. More generally planted than any other, both for market and home use; no hard sour core; few thorns.

RATHBUN — A very prolific glossy black variety of great vigor and hardiness.

BLACKBERRY PRICES. By Mail, postpaid, each, 10c.; doz., 75c. By Express, not paid, 100 for \$2.50. Special prices on large lots.



Campbell's Early Grape.

AQUARIA SUPPLIES.

A Globe or Aquarium stocked with gold fish, shells, pebbles, rockery and plant is a very handsome ornament for sitting or dining room, library or private apartment. They are especially desirable in sick rooms, as the easy, graceful and noiseless motions of the fish divert the mind of the sick one in a helpful manner. They are also instructive and interesting to young and old, and should not be looked upon altogether as a luxury. The fish are quite intelligent, soon learn to take food from the fingers, and

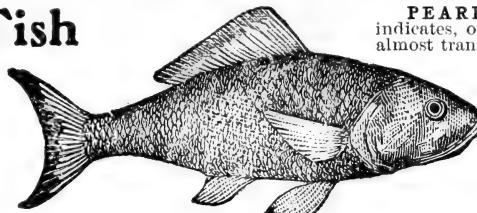
make nice pets. They are just the thing for birthday, wedding and Christmas presents. Gold fish have become quite inexpensive and require very little attention. Free printed instructions are supplied to customers. We ship at all seasons, to almost any distance, with safety, but do not advise shipping during the hottest season. We arrange with express companies for prompt delivery of fish, no matter when shipped. Express charges are paid by purchaser when received. When ordering give full address and nearest express office, if different from post-office.

Ornamental Fish

COMMON GOLD FISH—These are great favorites, because of their hardness just suited to confinement in globes and aquaria. Shades vary from old gold to orange-red. Our acclimated American-raised fish will be found much superior in every way to the cheap imported stock which are usually unhealthy and do not live. Each, 15c., 25c., 35c. and 50c., depending on size. The 25c. (5 for \$1.00) size is most popular.

SPOTTED FISH—A species of Gold Fish with red and black markings. Very odd and attractive. Each, 15c., 25c., 35c., 50c.

GORGEOUS TAILED FISH—Also known as "Long-Tailed Beauties," Comet Fish, etc. Extremely graceful in their movements. The tail is sometimes as long as the body, so that in turning head and tail almost meet. Each, 25c., 35c. and 50c.



Common Gold Fish.

PEARL FISH—These are, as their name indicates, of a beautiful pearl shade, sometimes almost transparent, or have small gold markings. Each, 15c., 25c. and 35c.

SILVER FISH—An off-colored gold fish of silvery appearance; very beautiful when seen in a proper light. Each, 10c., 15c. and 25c.

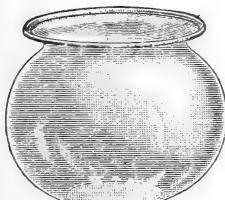
JAPANESE FAN-TAIL FISH—Most popular of all the fancy varieties. The fins and tail are long and of fine texture; body short; tail V-shape and sometimes divided at the top, so that they really have

two tails. All shades from pure, golden-red, pearly-white to almost black. Each, 35c., 50c. and 75c.

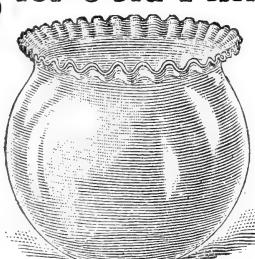
SHIPPING BUCKETS.

Where no globe is ordered these are necessary. 3-quart bucket, for 6 fish or less, each, 15c.; 4-quart, 20c.; 6-quart, 25c.

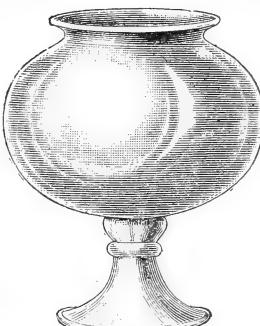
Globes for Gold Fish



Plain Top Globe.



Fluted Top Globe.



Standing Globe.

PLAIN TOP GLOBES.

These are very neat, and cheap. We sell large quantities of them.

8 in. diam., for 2 fish.....	\$ 60
9 " " for 2 fish.....	70
10 " " for 3 or 4 fish.....	85
11 " " for 4 or 5 fish.....	1 00
12 " " for 5 or 6 fish.....	1 15
13 " " for 6 or 7 fish.....	1 75
14 " " for 7 or 8 fish.....	2 25

FLUTED TOP GLOBES.

This globe is very handsome, as it has a fluted or corrugated top or rim.

8 in. diam., for 2 fish.....	\$ 60
9 " " for 2 fish.....	85
10 " " for 3 or 4 fish.....	1 15
12 " " for 5 or 6 fish.....	1 40
13 " " for 6 or 7 fish.....	1 90
14 " " for 7 or 8 fish.....	2 25

STANDING GLOBES.

Very handsome. They require a larger table than other styles.

1/2 gallon, for 2 fish.....	\$ 75
1 " " for 2 fish.....	1 00
1 1/2 " " for 3 or 4 fish.....	1 25
2 " " for 4 or 5 fish.....	1 50
3 " " for 6 fish.....	2 00
4 " " for 8 fish.....	3 00

BELL GLOBES.

These have straight sides, the top and bottom being of equal diameter. The large bottom space gives ample room for pebbles, shells and small rockeries; a very desirable globe.

No. 1—10 in. diam., 7 in. high.....	\$1 00
No. 2—12 1/2 " " 8 in. " "	1 25
No. 3—14 1/2 " " 8 1/2 " "	1 75
No. 4—15 " " 9 " "	2 00

Livingston's

PREPARED FISH FOOD

Prepared especially for fish kept in Aquariums. Should be fed to the exclusion of everything else. No risk in feeding it. A box lasts a long time, hence is very cheap. Price, per box, 15c.; 2 boxes, 25c., postpaid.

At store—Box, 10c.; 3 boxes, 25c.

Booklet of Instructions for Care of Gold Fish free to Customers.

Aquarium Ornaments

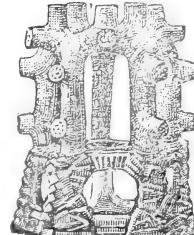
These are very desirable for use in an Aquarium or Globe. The openings are large enough to permit the fish to swim thro' them, and they seem to delight in doing so. They add a finished appearance to the outfit as well.

PLAIN GROTTO ORNAMENT—This style is sold more than any other, and can be used in all sizes of globes. The openings are large enough for the fish to swim through. It is a beauty. 3 ins. high, each, 20c.; 4 ins., 25c.; 6 ins., 35c.

PLAIN ARCH ORNAMENT—Another very good kind. The width and height are proportionate. 6 1/2 ins. high, each, 25c.; 8 1/2 ins., 45c.

PEBBLES—For bottom of Aquaria. They add much to the appearance and keep water clear by collecting the sediment and filth, preventing the fish from continually stirring it up. Pint package, 10c.

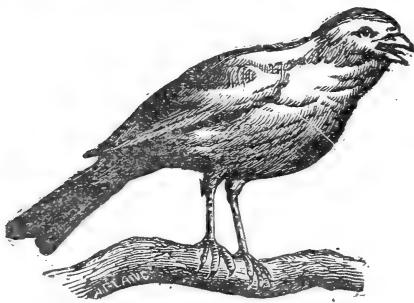
SMALL SHELLS—They are very beautiful. Pint package, 20c.



Remember all prices for Fish, Aquariums and Ornaments are **STORE PRICES**; purchasers pay express charges when shipment is received.

We do not ship these goods C. O. D. Cash should accompany the order.

Canary Birds, Cages, Fixtures, Etc.



The demands on our Bird and Seed Department are increasing year by year, as we bestow as much care here as in any other department. It will be found fully up to our "True Blue" standard. We are sure to give you satisfaction, whether you buy birds or seeds. Anticipating a very large trade this season we have made preparation for it, and hope to fill orders promptly the day they are received. For the holiday trade, however, we advise placing orders as early as possible, giving date when wanted. Our Hartz Mountain Canaries will begin to arrive about September 1st, and we will have them until after Easter. St. Andreasberg Canaries arrive about October 1st. When ordering a canary please state whether you wish a yellow or a dark mixed bird, otherwise we will select you a first-class singer without regard to plumage. We can ship safely by express and at buyer's expense.

CANARY BIRDS.

Imported German or Hartz Mountain. These birds are not like our common American Canaries, but are taught soft musical sounds, and a variety of notes in their

songs. The Germans are experts in producing fine singers, having made a business of it for several hundred years. They come from the Hartz Mountains district, hence the name applied to them. Our first shipment arrives about October 1st, and we usually have a good stock throughout the winter season. **Price—Males, \$2.50; Females, \$1.50.**

St. Andreasberg. This is the name of a strain of Canaries coming from a small town by that name away up in the Hartz Mountains, where they receive mouths of careful training in that clear, ringing atmosphere, by using the very best singing canaries the world produces, as well as by the Bird Organ, before they are offered for sale. We have had birds that would make eight changes during one song. Their water, flute and bell notes are exquisite in their clearness, and are unapproached by any other of the feathered songsters. Our first shipment arrives about October 1st. **Price—No. 1 Birds, \$5.00. No. 2 Birds, \$4.00. Females, \$2.50.**

BIRD SEED, FEED AND MEDICINES.

All Bird Supplies are sent by Express at expense of purchaser, except where price is given postpaid.



LIVINGSTON'S GERMAN MIXED CANARY SEED—We are constantly mixing large quantities of Canary Seed, hence can guarantee it to be fresh. We procure the very highest grades of large, plump seed, and, after running through our cleaning mills, removing absolutely all dust and trash, we mix thoroughly and in right proportion to keep canaries in best health and song. This gives us a grade of seed which should not be compared with that usually offered in packages, and which may have been kept for years on the grocer's shelves. Lb., by mail, postpaid, 18c. By express, not prepaid, per lb., 10c.; 3 lbs. for 25c.; 13 lbs. for \$1.00.

HEMP—Best grade imported Russian seed. Lb., 10c.; 3 lbs., 25c.

CANARY—High grade Sicily seed; free from dust, dirt or hulls. Lb., 10c.; 3 lbs., 25c.

RAPE—True German Summer of choice grade. Lb., 10c.; 3 lbs., 25c.

MOCKING BIRD FOOD—A superior prepared food for all soft billed birds, such as Mocking Birds, Black Birds, Thrushes, Robins, Nightingales, etc. Bottle, 30c.; cannot be mailed.

PARROT SEED, our mixture, 1b., 10c.; postpaid, 18c.

SUNFLOWER SEED—Used very largely for feeding Parrots, Red Birds, and large seed-eating birds. Lb., 18c., postpaid. By express, not prepaid, 1b., 10c.; 3 lbs. for 25c.; 10 lbs. for 75c.

CUTTLE BONE—Small size, 3c.; large, 5c., postpaid.

PARROT FOOD—A preparation made of spices, dried fruit, etc., and when mixed with the soft food of a parrot daily, will keep it in brilliant plumage and good health. Per box, 15c., or postpaid, 25c.

MRS. W. S. MURRAY, Roanoke Co., W. Va., writes: The bird and fish came to hand in fine condition. I am perfectly delighted with them. They are admired and praised by all who see them.

BIRD FOOD BARGAIN ONLY \$1.00.

To get you started trading with us and advertise our High Grade Bird Foods and Seeds we make this close offer.

6 lbs. Our German Mixed Seed, full weight; 2 qts. Bird Gravel—pure and clean; 2 Bird Manna—prevents disease; 1 Bottle Bird Tonic—cures colds; 3 Large Cuttle Bones; 1 Cuttle Bone Holder.

Sent by express for \$1.00. In addition we give a copy of our new book, "Pets of the Household," 150 pages, price, 25c., free to those who ask for it with order.

See 2d page of Cover for some VALUABLE COLLECTIONS

BIRD MANNA—Restores the song of cage birds, prevents sickness, and restores to health when sick. If fed during the moulting season it frequently prevents the loss of voice common to that critical period. The birds are fond of it. No trouble to feed. Each, 15c.; 2 for 25c., postpaid.

SONG RESTORER—A splendid preparation to use when for any reason the bird loses his voice. Each, 10c., postpaid.

EGG FOOD—A sure restorative for Canary Birds, Linnets, Goldfinches and all seed-eating birds where song has been lost from effect of cold or moulting. Keeps them healthy, and in perfect song and plumage. For old birds while breeding and their young, its use adds to the health and beauty of plumage of both. Bottle, 25c.; cannot be mailed.

BIRD GRAVEL—Very necessary in furnishing grit to all kinds of birds, and helps in keeping the feet clean. We have both the red and silver gravel. Pint pkg., 5c.; quart pkg., 10c. Too heavy too send by mail.

GRAVEL PAPER—For bottom of cages. Prevents scattering of seeds. Two sizes—No. 1, 7x9 inches; No. 2, 7½x10 inches. Price, box of 1 dozen sheets, 10c., or postpaid, 18c.

BIRD TONIC, GRAVE'S—We have sold this Tonic for years. Always gives satisfaction. A cure for colds, asthma and catarrhal disease of birds. Bottle, 15c.; cannot be mailed.

BIRD BITTERS—A most excellent tonic to use when your bird is out of condition or during the moulting season. Put a few drops in the drinking water daily. Bottle, 25c.; cannot be mailed.

MITE EXterminator—Perfectly harmless to the bird, but sure death to lice and mites. Easily applied. Box 25c., postpaid.

BIRD AND CAGE BARGAIN

Full Value \$5.25, FOR ONLY \$4.50.

Think of this as a present to a little girl, a young lady, or to anyone who is a lover of pets.

1 Imported German Canary, fine singer.....	\$2 50
1 Brass Cage, with Seed Guard and Drawer, No. 2472D	2 00
1 Lb. Our German Mixed Seed—full weight.....	10
1 Qt. Bird Gravel, to use on bottom of cage.....	10
1 Bird Manna. Cures and prevents diseases.....	15
1 Large Cuttle Fish Bone	03
1 Cuttle Fish Bone Holder.....	05
1 Bird Cage Spring (brass).....	10

We will send the above outfit for only \$4.50, and will also give each purchaser a copy of our 150 page book, "Pets of the Household," price 25c., FREE to those who ask for it with their order.

THIS OFFER IS ONLY GOOD FOR A SHORT TIME



Canary Cages

(Brass)

We do not know of a better brass cage than we offer here. As shown in the illustration, they are supplied with a Wire Brass Guard Cloth, which is firmly fastened to the wires, to prevent the birds from throwing shells of seed or gravel beyond the bottoms. The door is placed high up so that there are no open spaces in the cloth, and the Shell Cups cover, perfectly, the openings for them in each end. The bird, however, may readily by seen through the wire cloth. These cages are well made and thoroughly reliable in every respect.

They have Drawers in the bottom for the removal of seed shells, gravel, etc., in addition to the Guard Cloth, making them a perfect cage. Please order by number.

No. 2471d Brass Cage with Guard and Drawer	\$1.75
No. 2472d " " "	2.00
No. 2473d " " "	2.25
No. 2474d " " "	2.50

Brass Canary Cage Showing Guard.

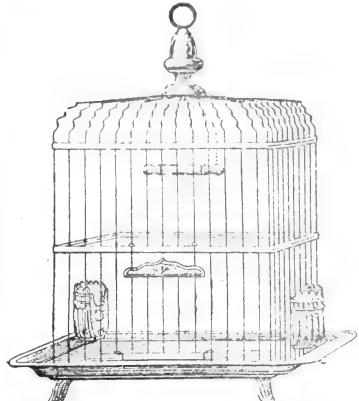
for the removal of seed shells, gravel, etc., in addition to the Guard Cloth, making them a perfect cage. Please order by number.

No. 2471d Brass Cage with Guard and Drawer

No. 2472d " " "

No. 2473d " " "

No. 2474d " " "



Japanned Canary Cage.

Parrot Cages

(Metal)

Our Parrot Cages are made of Brass Rails and No. 12 Tinned Upright Wires, the latter being riveted to the solid cross rails, making an indestructible cage. They are supplied with immovable, deep metal drawers, to which gratings are attached. These prevent the bird from getting his feet or plumage soiled. The drawer, with grating, can be removed without detaching the body from the base of cage. The feed cups, while readily detached from the outside of the cage, yet are perfectly secure, and when removed, leave only a small opening. The doors have safe fastenings.

No. 95-14 x 10 $\frac{1}{4}$ inches, 15 inches high.....\$2.50
No. 100-16 $\frac{1}{8}$ x 11 $\frac{1}{2}$ inches, 23 inches high.....3.50
No. 105-17 $\frac{1}{2}$ x 14 inches, 25 inches high 4.50



Metal Parrot Cage.

Bird Cage Fixtures

Bath Dishes Opal. Two sizes. Each, 10c.

Bird Nests For breeding cages. They fit into the nest boards of breeding cages or may be attached to side of cage. Each, 10c.



Bird Nesting

Made of deer's hair
For birds to use in
nesting. Per package,
5c., postpaid.

Brackets Brass. Combines a bracket and spring. Each, 15c.

Cage Springs Single. Brass. Each, 10c.



Single Spring.

Cage Springs Double. Brass. These prevent cages from swinging around. Pretty, strong and elastic. A perfect cage spring. Each, 15c., or postpaid, 20c.

MRS. M. C. AUSTIN, Illinois.—The bird you sent me came in good shape, and he had not been in his cage half an hour until he was singing. Please accept thanks for selecting me so nice a bird, both in singing and beauty. Am much pleased with him.

MRS. ADDIE GRIZZELL, Great Bend, Barton Co., Kan., writes: "Received my goldfish O. K. yesterday. They are as lively as crickets. Am highly pleased with them, also with ornament. Thanks for information how to care for them."

See 2d Page

Of Cover to this Catalogue for some
VALUABLE COLLECTIONS.

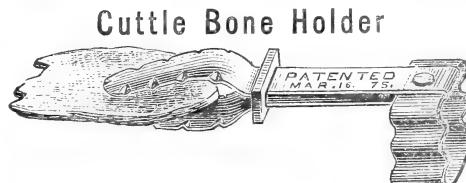
Canary Cages

(Japanned)

Our Japanned Cages are enamelled white and trimmed in bright Red, Green or Blue and are thoroughly baked until the enamel is as hard as China. The bottoms are made of heavy material and our customers are sure of getting full value in these cages. Please order by number.

No. 241 Japanned Cage 65c.
No. 242 " " 75c.
No. 243 " " 85c.
No. 244 " " \$1.00

Prices on all Cages are by express not prepaid. No charge for packing. When ordering a Cage it pays to include some of our Bird Seed or Foods, as they may be packed inside of Cage and the express charges will be little or no greater. You get double value in our superior, recleaned, strictly high grade Foods.



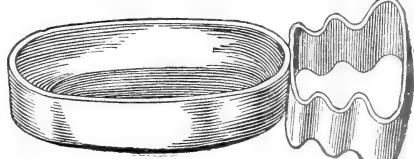
Very convenient. Can be used for holding Cuttle Bone, Song Restorer, Lettuce, Chickweed, etc. Is adjustable to large or small pieces. Each, 10c., postpaid.

Feed Cups Several kinds, glass or opal. Each, 8c.; 2 for 15c.

Food

Holder

The cup is made of tin plate and handle of brass. It is used for holding Egg Food, Extra Seed, Berries, Apple, etc. Fits in between two wires. Each, 10c., postpaid.



Perch Scraper



The knife is made of brass and has polished wood handle. With it the perches can be cleaned from the outside of the cage without removing them. This is the better way to clean the perches, as when washed the dampness is an injury to the bird's feet. Each, 15c.

FERTILIZERS.

Walker's Excelsior Plant Food



Nitrate of Soda For early vegetable crops, especially where leaf growth is desired, it will produce wonderful results. A gain of a week in time is often reported, and this means dollars in the pocket of the grower who uses Nitrate. Use at the rate of 200 pounds to the acre. As the market fluctuates the prices on Nitrate are subject to change without notice. 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.00.

LAWN FERTILIZERS.

Old and New Lawns require Stimulating after the winter, or in the fall after the season of cutting and heat of summer. For this purpose we recommend Wood Ashes, Sheep Manure or Bone Meal, as being the best adapted to the wants of the lawn.

RAW BONE MEAL—Our Raw Bone Meal is evenly ground and especially adapted for drilling. For lawn use 10 lbs. for 250 square feet. Price—10 lbs., 40c.; 25 lbs., 75c.; 50 lbs., \$1.25; 100 lbs., \$2.00.

CANADA HARD-WOOD ASHES—Splendid as a lawn dressing. Should be applied late in fall or early in spring, so that the rains and snows may reach the ashes and carry the elements down to the roots of grass. Our ashes are screened and are in proper condition for immediate use. Apply at the rate of 75 lbs. to 1000 square feet. 50 lbs., 75c.; per bbl., of 200 lbs., \$1.75; ton, \$15.00.

SHEEP MANURE (Pulverized)—A pure natural manure and very nutritious for plants. For potting soil mix one part manure to six parts soil. For vegetable garden, placed directly in hills or drills, it promotes a rapid, steady growth until maturity. Splendid top-dressing for lawns. 5 lbs., 25c.; 10 lbs., 40c.; 50 lbs., \$1.25; 100 lbs., \$2.00.

INSECTICIDES.

SLUG SHOT

A Non-Poisonous Insecticide

No danger need be apprehended by the person applying it, nor will it injure chickens or animals should they eat it, unless in large quantities. Does not render vegetables or fruits, on which it's applied, unsafe to use; and yet it is probably the best insect destroyer ever offered for the destruction of potato bugs and all worms and insects. It is ready to be applied, and is simply dusted lightly on so that it reaches all parts of the plant. Prices—Lb., 30c.; $\frac{3}{4}$ lbs., \$1.00, by mail, postpaid. 5 lbs., 35c.; 10 lbs., 50c.; 50 lbs., \$2.25; 100 lbs., \$4.25; barrels, holding 235 lbs. net, 4c. per lb.

WHALE OIL SOAP Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. Directions for using, with soap. Lb., 20c.; 2 lbs., 35c. If to be mailed add 16c. per lb. for postage.

FIR TREE OIL SOAP A most excellent insecticide and soap for the leaves and stems of Palms and Rubber Plants, and for spraying all house plants. Kills all insects. $\frac{1}{2}$ lb. tin, 25c. Postpaid, 35c. 2 lbs., 75c. Postpaid, \$1.00. 5 lbs., \$1.75; 10 lbs., \$3.25; 20 lbs., \$6.00.

Rose Leaf Extract of Tobacco One of the most effective articles for the destruction of all insects and scale on plants. A pure concentrated extract of tobacco diluted from 30 to 150 parts of water. Full instructions for the various methods of applying given in "Rose Leaf" pamphlet, mailed on application. Pint can, 30c.; quart can, 50c.; 1 gallon, \$1.50; 5 gallon can, \$5.00.

Tobacco Dust Very effective, made of pulverized leaves, not ground stems. Much used on cabbage and in vegetable hot-houses. Pound, postpaid, 30c. By express—10 lbs., 50c.; 25 lbs., \$1.00; 100 lbs., \$2.25.

TOBACCO STEMS—For fumigating plants infested with green fly, etc. Barrel, \$1.00.

PYRETHRUM, PERSIAN INSECT POWDER OR BUHACH—Very destructive to roaches, ants, fleas and all insects on plants. Oz., 10c.; $\frac{1}{2}$ lb., 20c.; 1b., 50c. Add 16c. per lb. to cover postage.

Dusters for Slug Shot or other Powders— $\frac{1}{2}$ -gal. size, 30c.; gal. size, 50c.

ALL GOODS ON THIS PAGE SENT AT PURCHASER'S EXPENSE UNLESS QUOTED PREPAID.

GARDEN TOOLS, ETC.

At the prices quoted for Tools, etc., they must be sent by Express, at buyer's expense, unless otherwise noted.



GARDEN TROWELS.

SOLID STEEL—Made of one solid piece of best steel. No rivets to give way. The best Trowel made. 5-inch, 40c. 7-inch, 45c. Postage 10c. extra.

COMMON STEEL TROWEL—Has riveted blade. 6-inch, 10c. Postage 5c.

CLEVES' ANGLE TROWEL—5-inch, 20c.; postpaid, 25c. 7-inch, 30c.; postpaid, 40c.

Thermometers Greenhouse, 25c. Incubator, 75c. and \$1. Hot-bed or Mushroom, 75c. Postage 10c. extra.

Bellows For dusting plants with sulphur, etc. \$1 and \$1.50.

Grass Hooks Each, 30c.

Garden Lines 100 feet Braided Linen, 40c. Cotton 25c.

Pruning Saw and Chisel—Combined. Price, \$1.00.

Pruning Saw Double edge. 18-in. 70c. 20-in., 80c.

WATERS' TREE PRUNER.

Easy to operate. You hook it on a limb, pull the lever and it does the rest. 4 foot \$ 75 6 foot 85 8 foot 100 10 foot 115 12 foot 125

PRUNING

SHEARS

WISS SOLID STEEL—The best made; forged entirely of steel; blade of best cutlery steel, fitted to handle in a perfectly rigid manner, yet easily removed. (See cut.) Will last a lifetime. Price, 9-in., \$2.00.

COMMON—Very strong. Steel blades and an excellent spring. Two Sizes—Prices, 75c. and \$1.00.

Hand Dibble For Setting Plants. All Iron. Hollow Handle. Each, 35c. Postpaid, 50c.

GLASS CUTTERS—Diamond—Best value for the money. \$3.00.

Little Red Devil—The best cheap Glass Cutter on the market. Preferred by many for all around usefulness. Each, 20c. Postpaid, 25c.

LANG'S WEEDE This is used more than any other Weeder. Each, 20c.; postpaid, 25c.

Excelsior Weeder Very useful for weeding seed beds, stirring soil in hot-beds, cold frames, etc. Each, 10c. Postpaid, 15c.

Hazeltine's Hand Weeder An old and reliable Weeder. Each, 20c. Postpaid, 25c.

THE NEW CHRISTY GARDEN WEEDE

This All-Steel Weeder has the famous Scalloped Cutting Edge of the Christy Bread Knife, and will be found a No. 1 tool. Each, 20c. Postpaid, 25c. With Smooth edge, same price.

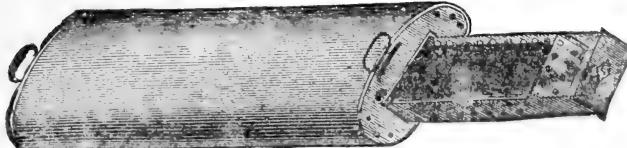
COLUMBUS CORN SHELLER

Anyone, with a little practice, can shell a bushel of corn in 5 minutes. A well made machine. Not easy to get out of order. Has Adjustable Throat, hence shells any size ear from pop corn to large field sorts.

Fastened to the side of a box; the corn goes into the box and the cob is thrown out. May be fastened to a board or on top of the fence in the poultry yard. Always ready. Save your hands, your heels, your money, your patience. Each, \$1.00.



LEHMAN'S CARRIAGE AND WAGON HEATER.



A source of great comfort on a cold day or when out for a drive. It will make a vehicle absolutely comfortable in the coldest weather. Will give a continuous heat for fifteen hours, at an average cost of $\frac{1}{2}$ cent per hour. Renders danger from fire impossible. Is absolutely unbreakable. Is constructed without Solder or Castings. May be heated and ready for use within a few minutes. Is carpet covered, with asbestos lining. Will last a lifetime. Price, \$2.25.

LEHMAN'S COAL. This Coal is used in above Heater. It burns without flame. Produces neither Smoke, Soot nor Odor. May be extinguished and relighted at will. Is a specially prepared compound made into briks. One-third of a briek will give sufficient heat for all ordinary purposes. Price, per dozen Bricks, 75c.



SPRINKLERS

ANGLE RUBBER SPRINKLER.

Almost all plant insects pursue their destructive work on the under surface of the leaf, and this Sprinkler

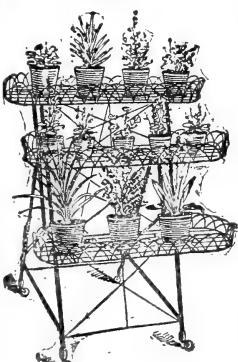
is designed for applying water or liquid insecticide on the under side of leaf or foliage as well as on the top. By mail, \$1.10. By express, \$1.00.

RUBBER SPRINKLER—No. 1—90c. No. 2—80c. No. 3—70c. If to go by express deduct 10c. from price.

FOLDING WIRE PLANT STANDS

The most compact, strong, durable Plant Stands ever offered for sale, and at prices less than all others of the same capacity. The ends are made of Flat Steel and have porcelain castors. The steel and iron work is finished in green and bronze. The construction of the shelves or trays are such that there is more room for the pots and foliage than any other Plant Stand that takes up the same amount of room on the floor. The trays, or shelves, are $7\frac{1}{2}$ inches wide and 30 inches in length. Can be opened and folded in a few seconds by simply spreading the Plant Stand apart at the bottom and dropping the cross bars into place. Trays are in position and Plant Stand ready for use. To fold it lift up the cross bars and close the stand together closely and it is folded.

Prices—2 Shelves, \$2.25. 3 Shelves (see cut), \$3.50.

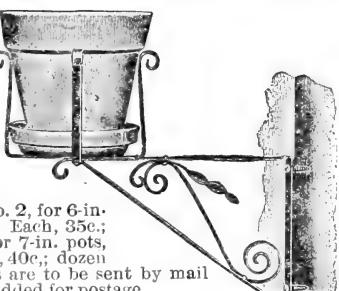


NEW STEEL SWINGING FLOWER POT BRACKET

Made of Steel. Are strong and durable. Artistic in design. Finished in Black, which is now so popular, and are very handsome.

The Spring Clasp prevents the pot from falling.

No. 1, for 5-in. pots, has 8-inch arm. Each 30c.; dozen, \$3.00. No. 2, for 6-in. pots, has 10-inch arm. Each, 35c.; dozen, \$3.50. No. 3, for 7-in. pots, has 12-inch arm. Each, 40c.; dozen, \$4.00. If the Brackets are to be sent by mail 15 cents each must be added for postage.



DON'T FAIL to ask for our **SPRING SEED ANNUAL**, if not already a customer. It is always interesting. Contains over 100 pages, plenty of illustrations, and, best of all, offers "True Blue Seeds," the best the world produces.

See 2d Page of Cover to this Catalogue for some
VALUABLE COLLECTIONS.

LITTLE GIANT SEEDER

STRONGEST,
LIGHTEST,
EASIEST
RUNNING.

Must go
by
Express
or
Freight.



No. 2

Best and cheapest Crank Seeder made in the quality of work done and durability. Will not get out of order nor be affected by dampness of the weather. Distributes all kinds of Fertilizers, Land Plaster, Ashes and Seeds. We have sold it for years with good satisfaction.

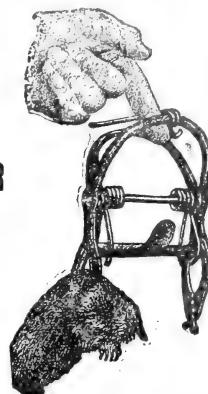
No. 2. Crank, \$1.75. No. 1. Fiddle Bow, \$1.50.



CLIPPER GRAIN AND SEED CLEANER

We have used and sold the Clipper almost constantly for 20 years and pronounce it the best, strongest, and most economical mill made up to date, and yet sells at the same price of any ordinary mill. No. 1, for general use, has 8 sieves, (7 zinc), cleans Grain and Seeds of all kinds—\$20.00.

Prices for larger sizes and Special Purpose Clipper Mills made upon application.



"OUT O' SIGHT" MOLE TRAP Claimed to be the best Mole Trap ever offered, and only has to be tried to be appreciated. Can be used in hot bed under sash. The secret of mole catching is a good trap, and to know their habits. Full directions sent with each trap. Each, \$1.00. Postpaid, \$1.25.

Livingston's Potting Soils

Good Potting Soil is an absolute necessity in growing plants successfully, and ordinarily it is difficult to obtain. Since we use large quantities of the very best potting soil at our greenhouses, we have been led to offer it in our catalogues, by the many calls we are having for it, believing, when once the grand results from its use are known we shall have a large trade on it. We can supply in any quantity desired—small lots from our store, and wagon loads from the greenhouse. We deliver peck quantities or more to our city trade or to freight depots for outside orders free of additional charge.

TRUE BLUE BRAND.

Our True Blue Brand is just right for almost all house plants. Its use insures success, as it supplies everything a plant needs, except water and sunshine. Try it on some of your plants when potting up for the winter. You will be surprised at the results obtained. Price, per peck, 25c.; bushel, 60c.

Good Garden Loam Peck, 20c.; bushel, 50c
Pure Clean Sand Peck, 20c.; bushel, 50c
Decayed Sod—very fibrous Peck, 20c.; bushel, 50c
Cow Manure—much decomposed. Peck, 25c.; bushel, 60c
Ask for Special Prices by Wagon Load for Renewing Flower Beds, etc.

REPOTTING PLANTS.

We are prepared to repot plants of all kinds, especially large Specimen Palms, Ferns, Rubber Plants, etc., at moderate cost. We call for and deliver plants promptly for local customers. Do you have plants that do not seem to thrive, look sick, etc.? Let us fix them up for you. Our experience tells us what they need. We also take pleasure in advising as to their care and treatment, if desired. Both Phones, No. 999. Please call us.

FERN DISHES.

We have had great success in filling Fern Dishes with choice assortments or will do the work to suit customers as ordered.

FLOWER POTS. STANDARD SIZES.

Beautiful red Pots, having strong rims that prevent breaking when in use or nested. The concave bottom and large hole in our pots insures perfect drainage and a healthy plant. Why not get some of your neighbor friends to go in with you and buy some of these pots in quantity. Note the very low prices by the 100. Ask for the price by the 1000. No charge for packing. They must be sent by freight at purchaser's expense.



SIZE	EACH	DOZ.	100
1½ inch.....	\$ 10	\$ 50	
2 inch.....	10	60	
2½ inch.....	15	75	
3 inch.....	25	90	
3½ inch.....	30	125	
4 inch.....	35	150	
5 inch.....	45	250	
6 inch.....	60	400	
7 inch.....	75	550	
8 inch.....	100	725	
9 inch.....	135	1000	
10 inch.....	225	1650	
12 inch.....	600	3500	

BULB PANS.

These are made of same material as our Flower Pots, and are especially desirable in planting a number of bulbs in each so as to form a clump.

SIZE	EACH	DOZ.
6 inch....	\$ 8	\$ 75
7 inch....	9	85
8 inch....	10	100
9 inch....	15	130
10 inch....	20	160
11 inch....	25	225
12 inch....	50	450



ROLLING STANDS FOR HEAVY PLANTS.

Made of unbreakable fibre, mounted on ball bearing castors for holding, turning or moving heavy plants, and preventing injury to carpets from drippings or dampness.

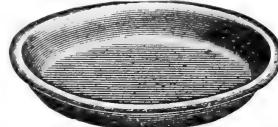
	EACH	100
13 inches in diameter, 3 castors.....	\$ 75	
13 inches in diameter, 4 castors.....	100	
20 inches in diameter, 5 castors.....	125	
22 inches in diameter, 6 castors.....	150	

WATER-PROOF

FIBRE SAUCERS.

Not porous, therefore do not absorb moisture and spoil woodwork, tables, etc., on which plants stand. Color, beautiful, rich terra cotta brown.

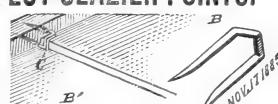
SIZE	EACH	SIZE	EACH
4 inch.....	6c.	10 inch.....	10c.
5 inch.....	7c.	11 inch.....	11c.
6 inch.....	7c.	12 inch.....	12c.
7 inch.....	8c.	13 inch.....	16c.
8 inch.....	8c.	14 inch.....	18c.
9 inch.....	9c.		



PLANT LABELS.

Painted Pot Labels. Best made. It is easy to forget the names of plants—new ones, especially—but these nice Plant Labels are very useful in keeping the names where they are easily seen. It is more interesting and instructive to have all plants marked. Put up in packages of 1000 each. By express, not prepaid.

3 inch....pe 1000, \$ 45	5 inch....per 1000, \$ 80
3½ inch...." 53	6 inch...." 100
4 inch...." 60	8 inch...." 250
4½ inch...." 67	10 inch...." 350



VAN REYPER'S PERFECT GLAZIER POINTS.

Made of steel wire and galvanized, having double points and lap over the glass in such a manner as to positively keep it from sliding. May be used on either side of the sash bar. Per box of 1000, 60c.; or postpaid, 75c. Lots of 5000 or over, 35c. per box.

PINCHERS FOR DRIVING POINTS—Each, 60c.; postpaid, 75c.

Glass for Hot-Beds. WRITE FOR PRICES STATING QUANTITY NEEDED.

PLANT TUBS.

Made especially for large Palms, Rubber and other heavy plants. Painted green. Made of cypress. Has iron loops and strong handles. Furnished in following sizes:



DEPTH	DIAM.	EACH	DOZ.
No. 1—10 inches, 12 inches.....	75	\$ 800	
No. 2—12 inches, 13 inches.....	100	1100	
No. 3—14 inches, 14 inches.....	125	1300	
No. 4—16 inches, 18 inches.....	200	
No. 5—18 inches, 22 inches.....	300	
No. 6—22 inches, 23 inches.....	400	

PLANT BED CLOTH

A protecting Cloth of Water-Proof Fiber; an excellent substitute for glass, in forwarding all kinds of plants in the early spring; safer, as protects at night, and the plants will not burn if the sash is left on in hot weather. Being light and portable it can be sent into sections where it would be difficult to get sash. We sell thousands of yards annually, and customers are well pleased with it. All pieces are a yard wide and contain from 40 to 60 yards each.

PRICES—Heavy Grade, per yard, 12c., postage 9c. extra; by the piece, 40 to 60 yards, per yard 10c. Medium Grade—best for General purposes, per yard, 10c., postage 5c. extra; by the piece, 40 to 60 yards, per yard, 8c. Light Grade, per yard, 5c., postage 3c. extra; by the piece, 40 to 60 yards, per yard, 4c.

HOT BED SASH. **BEST CYPRESS**—3½ feet x 6 feet unglazed, for 8 x 10 glass, each, \$1.00; dozen, 11.50.



COLONIAL PLANT KETTLES.

The Colonial Plant Kettle unquestionably possesses the feature of durability above any other receptacle for large plants, as they are made of cast iron and will last a lifetime. No attempt has been made at ornamentation, but instead, simplicity of design has been carried out in keeping with the Colonial style now so popular. They are, however, quite artistic, being finished in dead black Japan, which gives them the appearance of many artistic articles now made in wrought iron. The classic wrought iron rings at either side serve well the purpose of handles and add to their beauty. They are equally suitable for inside as well as outside use. On the lawn they do not leave so objectionable an imprint on account of the bottom being round. The cost will be found about the same as for the wooden Plant tubs.

No. 1. Diameter 16 inches \$1.50. No. 2. Diameter 17 inches, \$2.00. No. 3. Diameter 19 inches, \$2.50.

POULTRY SUPPLIES

Send for Complete Price List

MICA-CRYSTAL GRIT

Mica-Crystal Grit is made from rock of a peculiar formation, composed partly of quartz and partly of mica, thus forming what is termed a flaky rock, which, when subjected to pressure in the gizzard, will scale or flake, thus constantly resharpening themselves until they are entirely used up. It is absolutely necessary to the health of fowls that grit be supplied at all times; and this is especially true where they are confined or when snow is on the ground. We supply Mica Grit in two sizes, for chicks or grown fowls, at the same range of prices. Please state, when ordering, which size is wanted. 15 lbs., 25c.; 25 lbs., 35c.; 50 lbs., 50c.; bag (100 lbs.) 75c.; 5 bags, \$3.50. By express or freight. **Special Price Quoted on Larger Quantities upon Request.**

CRUSHED OYSTER SHELLS

The most frequent cause of hens not laying is the absence in the food of carbonate of lime. As crushed oyster shell is practically pure carbonate of lime, it supplies, and greatly aids in the formation of the egg. Their use prevents cholera, keeps poultry healthy, and prevents soft shell eggs. Keep a trough full of it always before your fowls and let them help them selves. 15 lbs., 25c.; 25 lbs., 35c.; 50 lbs., 50c.; bag (100 lbs.) 75c.; 5 bags, \$3.25. By express or freight. **Special Price Quoted on Larger Quantities upon Request.**

COARSE GROUND BONE

About the size of wheat or cracked corn, and should be kept within access of poultry. 10 lbs., 50c.; 25 lbs., \$1.00; 100 lbs., \$2.50; 200 lbs., \$4.75.

RUST'S EGG PRODUCER



Rust's Egg Producer greatly increased egg production and makes poultry keeping profitable. Keeps fowls healthy and shortens moulting. It pays well to feed it right along. Prices—1-lb. box, 25c.; by mail, 45c. 2½-lb. box, 50c.; by mail, \$1.00. 6-lb. box, \$1.00; 10-lb. box, \$1.50; 25-lb. keg, \$3.50. The last three sizes must be sent by express or freight at purchaser's expense.

FOR BIG BARGAINS IN SMALL FRUITS see page 24.

Dog Remedies, Cakes and Soaps



SPRATT'S PATENT DOG CAKE.

SERGEANT'S DOG REMEDIES.

- Sergeant's Condition Pills—For distemper and fever. Postpaid—Small box, 50c.; large box, \$1.00,
- Sergeant's Sure Shot—For worms. A vermicide. Bottle, 50c.
- Sergeant's Constipation Cure—Per box, 25c., postpaid.
- Sergeant's Arsenic and Iron Pills—For the blood. Per box, 50c., postpaid.
- *Sergeant's Mange Cure—Jar, 50c.
- *Sergeant's Canker Wash—Bottle, 50c.
- Sergeant's Rheumatic Pills—Box, 50c., postpaid.

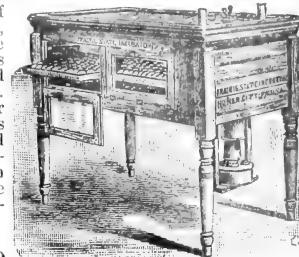
Dog Remedies, etc., will be sent by Express or Freight, buyer paying charges, except where quoted postpaid.

Prairie State Incubators.

All metal parts are of brass and galvanized iron, and thoroughly well made throughout. As good as any for the price, and much better than many. We are State Agents for these goods; all orders from Ohio being referred to us. Save time by placing your order direct with us. Large descriptive price list sent on application.

Baby No. 1—50 Egg Size	\$ 6 00
Baby No. 2—100 Egg Size	10 00
No. 3 B—300 Egg Size	25 00

Egg Tester free with Incubator.



PRAIRIE STATE BROODERS.

INDOOR.

This Brooder has been on the market for many years, and has given good satisfaction.

Style D Brooder, No. 1—Capacity 80 Chicks	\$7 00
Style D Brooder, No. 2—Capacity 100 to 125 Chicks	9 00

Rust's Haven's Climax Condition Powder

Is much more than a condition powder. It is the best known cure for Fowl Cholera and Gapes. It is just what every owner of poultry needs to save his fowls and keep them healthy. It is invaluable to raisers of Turkeys, and it has saved many Hogs, Horses and Cows. Prices—13-oz. box, 25c.; 32-oz. box, 50c.; 5-lb. box, \$1.00. If to be sent by mail add one cent per ounce to pay postage.

RUST'S HAVEN'S ROUP PILLS For Roup, Catarrh, Colds, Pigeon diseases, etc. They do cure. Box of 48 Pills, 25c., postpaid.

Lambert's Death to Lice Sure death to chicken lice. Price—15-ounce box, 25c. By mail, postpaid, 15-ounce box, 40c.

Lee's Lice Killer The best liquid lice killer on the market. You simply paint the roosts or sides of the house and it kills all mites and lice in or about the house as well as on the fowls. Qt. can, 35c.; 2 qt. can, 60c.; 4 qt. can, \$1.00.

GLOVER'S DOG REMEDIES.

* Glover's Mange Cure—A remedy for all skin diseases.....	Bottle, \$ 50
* Glover's Distemper Cure—Safe and reliable	Bottle, 1 00
* Glover's Vermifuge—For worms in dogs	Bottle, 50
* Glover's Canker Wash—For ear canker	Bottle, 50
* Glover's Eye Lotion	Bottle, 50
* Glover's Blood Purifier—Very quick in its action	Bottle, 50
Glover's Liver Pills—Act upon the liver	Box, postpaid, 50
* Glover's Diarrhoea Cure—For all bowel complaints.....	Bottle, 50
* Glover's Cure for Fits—Stops fits in a few minutes.....	Bottle, 50
* Glover's Tonic—For debility.....	Bottle, 50
* Glover's Liniment—For rheumatism, sprains and bruises	Bottle, 50

DOG BISCUIT OR CAKES.

Spratt's Patent Dog Cakes—These celebrated cakes are now being supplied to all leading kennels, and used at the principal Dog Shows of the world. One of the most successful and wholesome dog foods made. Will keep anywhere indefinitely. Always ready for us. 3 lbs., 25c.; 6 lbs., 40c.; 10 lbs., 80c.; 25 lbs., \$1.90; 100 lbs., \$7.00.

Spratt's Puppy Cake—For use while teething. 3 lbs., 25c.

DOG SOAPS.

Glover's Kennel and Stable Soap—Especially recommended for keeping the skin and coat in a healthy condition. Cake, 25c.; by mail, 30c.

Sergeant's Soft Carbolic Soap—For skin diseases. Box, 25c.

Spratt's Patent Dog Soap—Very effective in destroying fleas, lice, etc. Prevents mange and other skin diseases. Leaves the hair glossy. Cake, 20c.; postpaid, 25c.

Books

THE BIGGLE BOOKS.

No one, interested in the subjects treated can afford to be without Judge Biggle's books another day. They are written in the boiled-down, common sense, cream not skim milk method peculiar to him. Printed plainly, on high finished paper, have plenty of pictures, some in the natural colors, and all bound in cloth. Each, 50c., any 3 for \$1.10.

Biggle Horse Book. All about horses, 128 pages..... 50
Biggle Cow Book. All about cows, 144 pages..... 50
Biggle Berry Book. All about berries, 144 pages..... 50
Biggle Poultry Book. All about poultry, 160 pages..... 50
Biggle Swine Book. All about swine, 144 pages..... 50

BASKET MAKING. 32 pages illustrating 106 Working Designs, some being made from photographs. It tells in plain, simple language how to make beautiful baskets, etc., from Raffia and Reeds. Price, 25c.

CANNING AND PRESERVING. By the well known Mrs. RORER. This book tells how to can and preserve fruits and vegetables. Gives best methods of making jellies, marmalades, butters, syrups, catsups, pickles, and vinegars, drying fruits and herbs. 5x7 inches, 80 pages. Cloth, 50 cents.

Garden Making. By BAILEY. The beginner is shown how easy it is to raise Flowers, Fruits and Vegetables, and beautify one's home grounds. It is thoroughly practical in every detail, and a guide to daily practice in the garden. It is not excelled in horticultural literature. 417 pages, 256 illustrations. \$1.00.

GINSENG. A complete working treatise for the grower. It discusses in a practical way how to begin with either seed or roots, soil, climate and location, preparation, planting and maintenance of the beds, artificial propagation, manures, enemies, selection for market and for improvement, preparation for sale, and the profits that may be expected. Should be in the hands of all who expect to grow this drug to supply the export trade. Cloth, 50 cents.

HOME CANDY MAKING. Mrs. RORER. Full of choice receipts, for making wholesome caramels, sugar drops, candies and confections. 5x7 inches, 74 pages. Cloth, 50 cents.

HOME PORK RAISING. How to raise and cure pork on the farm. By A. W. FULTON. A complete guide for the farmer, the country merchant and the suburban dweller, in all that pertains to hogs, slaughtering, curing, preserving and pork products—from scalding vat to kitchen table and dining room. Fully illustrated, cloth bound. Price, 50 cts.

How to Make a Flower Garden. Written by experts, and covers every branch of the subject. Very practical and suggestive, having been written from actual experience. Many lists of flowers and shrubs, for special purposes and seasons are given with directions how to grow each. A handsome volume, 8x11 inches, 370 pages: 200 fine half tone illustrations. Price, \$1.75.

LEFT-OVERS MADE PALATABLE.

A fine book of 300 pages, 5x7 inches and bound in cloth, tells how to cook odds and ends of food into appetizing dishes, and saves money, time and labor in the preparation and use of food. A pleasant surprise and a great help to every housekeeper who owns a copy. Price, \$1.00.

LITTLE GARDENS. Treats gardening from the standpoint of the city yard or the small country place, in a practical and attractive manner. Numbers of plans are illustrated, telling how to plant the city back-yard garden. Cloth, \$1.35.

LIVINGSTON'S CELERY BOOK.

Written expressly for us by Mr. E. J. HOLLISTER, who has been the most extensive practical Celery Grower and Shipper in the United States for the past 20 years. He has grown extensive crops in Canada, Michigan, Ohio and Florida. IT IS A COMPLETE GUIDE FOR THE CELERY GROWER. Paper Cover, 40 cents. Cloth Bound, 60 cents.

PRACTICAL GARDEN BOOK. By PROFS. BAILEY AND HUNN. GIVES the simplest directions for growing commonest things. Tells how to plant, prune, train and care for flowers, fruits, vegetables, bushes and trees. It is alphabetically arranged like a miniature cyclopedia. 250 pages, with many marginal cuts. Price, \$1.00.

SUCCESS WITH HOUSE PLANTS. Written by a woman for women and should be in every home. Full directions for care of plants. By LIZZIE P. HILLHOUSE. Cloth, \$1.00. Paper, 50 cents.

200 EGGS A YEAR PER HEN. Tells how to produce the greatest number of eggs at the lowest possible cost. The author "practices what he preaches" and produces eggs at a yearly average of not to exceed 62½ cents per doz. in New Hampshire. There are single chapters in this book that are well worth the total cost of it. 6x9 inches, 96 pages. Tough Paper Cover, 50c.

Farm, Vegetables, Flowers, Fruits, Etc.

Sent Postpaid on Receipt of Price. We can furnish any Book, Magazine or Paper on Gardening, Agriculture, Horticulture or Stock at Publishers' Prices. Keep Yourself Posted up to Date. Read the Latest Books of Practical Men and Specialists.

FARM AND GARDEN.

Allen's New American Farm Book..... \$2 00
 Apple Culture, Field Notes on. BAILEY..... 75
 Asparagus, How to Grow for Market or Home Use. 150 pages. Cloth..... 50

Book-Keeping for Farmers..... 50
 Brill's Farm Gardening and Seed Growing. New Edition..... 1 00

Broom Corn and Brooms. Illustrated. Cloth..... 50

Cabbage, Cauliflower and Allied Vegetables. By C. L. Allen. 5x7, 112 pages. Cloth..... 50

CELERY BOOK. Livingston's. Cloth, 60c. Paper, 40

Farm Appliances. 250 cuts, 192 pages, 5x7 inches. Cloth..... 50

Farming with Green Manures. 5x7 inches, 239 pages. Cloth..... 1 00

Farm Drainage, French. 5x7 inches, 384 pages. Cloth, 5x7 in. Cloth..... 1 00

Fences, Gates and Bridges. 300 cuts, 188 pages, 5x7 in. Cloth..... 50

Flax Culture. By Experience Growers. Paper..... 50

Forcing Book. Bailey. Vegetables Under Glass. 266 pages. Cloth..... 1 00

Gardening for Old and Young. HARREIS. 5x7 inches, 191 pages. 1 00

Gardening for Pleasure. HENDERSON..... 1 50

Gardening for Profit. HENDERSON..... 1 50

Irrigation Farming. WILCOX. A New Book. Cloth..... 2 00

Landscape Gardening Applied to Home Decoration. MAYNARD. 338 pages..... 1 50

Mangolds and Carrots, Treatise on. By J. J. H. GREGORY..... 30

Money in the Garden. By P. T. QUINN. A Practical Work. 1 00

Mushroom Culture, Robinson's. Illustrated. Cloth..... 50

Mushrooms, How to Grow. Prize articles. Very Practical. 10

Mushrooms. How to Grow. FALCONER..... 1 00

Onions. Treatises on. GREGORY..... 30

Onion Book. By 17 Successful Growers. Great Value..... 20

Peanut Plant, Its Cultivation and Uses. Paper..... 50

Potatoes, A B C of. By T. B. TERRY..... 45

Practical Farm Chemistry. By T. Greiner. Cloth, \$1.00. Paper..... 50

Prize Gardening. Great value. 350 pages, 5x7 inches. Cloth..... 1 00

Pruning Book. By PROF. BAILEY. (1897)..... 1 50

Rhubarb Culture. THOMPSON. Cloth, \$1.00..... Paper, 50

Rhubarb Culture. New. How to Grow in Hot Bed or Field. 130 pages. Cloth..... 50

Squashes. By GREGORY..... 30

Sweet Potato Culture. By JAMES FITZ..... 50

SWEET POTATOES. 40 Year's Experience. WALDO F. BROWN. 20

Silos, Ensilage and Silage..... 50

Steward's Irrigation..... 1 00

THE HOP—Its Culture and Cure. By MYRICK. Cloth..... 1 50

Truck Farming in the South..... 1 00

Vegetable Gardening. A New Book. By PROF. A. B. GREEN. 1 00

Vegetable Gardening in the South. ROLF'S. Cloth, \$1.25. Paper..... 1 00

FRUITS, FLOWERS, BULBS, ETC.

Barry's Fruit Garden..... 1 50

Biggle's Berry Book. Up-to-date..... 50

Bulbs and Tuberous Rooted Plants. By C. L. ALLEN. Cloth. 1 50

Best Methods of Heating Greenhouses. Thirteen Essays..... 25

Carnation Culture. By LAMBORN..... 1 50

Commercial Violet Culture. 224 pages, 4½x7 inches. Cloth..... 1 50

CUT FLOWERS How to Grow..... 2 00

Dahlia, Thz. PEACOCK..... 30

Flowers, and How to Grow Them. REXFORD. Cloth, 50c, Paper..... 35

Fruits and Fruit Trees of America. By Downin..... 5 00

Fuller's Small Fruit Culturist..... 1 00

Fuller's Grape Culturist. Cloth..... 1 50

Greenhouse Construction. TAFT..... 1 50

Greenhouse Management. TAFT..... 1 50

Hand Book of P.ants. HENDERSON..... 3 00

Home Floriculture. By EBEN E. REXFORD. New and Valuable..... 1 00

Nursery Book. By BAILEY..... 1 00

Plant Culture. By G. W. OLIVER. 193 pages, 5x7. Cloth..... 1 00

Practical Floriculture. HENDERSON's..... 1 50

Principals of Fruit Growing. By L. H. BAILEY. 508 pages. Cloth..... 1 25

ROSE, THE. By ELLWANGER..... 1 25

Strawberry Culturist. By FULLER. 5x7. 60 pages. Cloth..... 25

Window Flower Garden. Heinrich's. Cloth..... 50

FERTILIZERS AND MANURES.

Fertilizers. A New Edition. Paper..... 40

Manures, Methods of Making. By BOEMER'S. Paper..... 25

Manures, Talks on. By JOSEPH HARRIS. Cloth..... 1 50

POULTRY AND LIVE STOCK.

Capons for Profit. GREENER..... 50

Cow Book. Biggle's. All about Cows..... 50

Dogs. Diseases of. H. DALZIEL. Illustrated, Paper..... 50

Duck Culture..... 25

Horse Book. Biggle's..... 50

PETS OF THE HOUSEHOLD. By T. M. EARL. 160 pages..... 25

Poultry Book. Biggle's. All about Poultry..... 50

Poultry for Pleasure and Profit. By JOHNSON..... 25

Poultry Appliances. How to Make Everything Used. 125 pages, 5x7 inches. Cloth..... 50

Poultry Architecture. How to Build all Structures Needed. 125 pages, 5x7 inches. Cloth..... 50

Swine Book, Biggle. All about Pigs..... 50

MISCELLANEOUS.

Horticulturist's Rule Book. BAILEY. Cloth..... 75

Insects and Insecticides. By C. M. WEED..... 1 50

Spraying Plants. By LODEMAN..... 1 00

Spraying Crops. By PROF. C. M. WEED..... 50

— ORDER SHEET. —

The Livingston Seed Company,
COLUMBUS, OHIO.

Name _____

No.

Date Received.....

Checked by.....

Wrapped by

Postoffice _____

Date Sent.....

County _____

AMOUNT RECEIVED

State

11

State _____

Money Order. \$

Express or Freight Office _____

Draft or Check

Write Name and Address Very Plainly in the Answer Box

Cast

Sample Statistics

Date _____ 190 _____

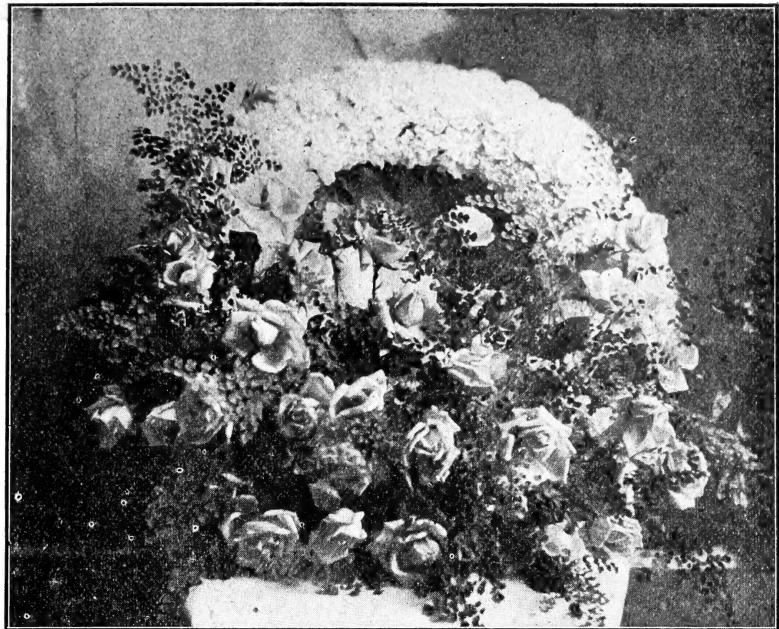
TOTAL \$

Digitized by srujanika@gmail.com

190.

REMARKS.

CUT..... FLOWERS



The very satisfactory increase of our sales in Cut Flowers during the past season has again compelled us to build more greenhouses, and add very materially to our equipment in every way; we are also receiving daily shipments of Roses, Carnations, etc., from leading specialists. We now feel sure that we can take care of orders of any size promptly and with stock that cannot fail to please anyone. Our work in this department is of the up-to-date kind as to style, workmanship and artistic effect.

Below we give range of prices on a few leading designs to give some idea of cost. Our patrons may depend on full value at all seasons for any amount of money sent us. The following prices are based on designs made up from assorted flowers; should Roses be used exclusively the cost would be somewhat greater.

Anchor Design, assorted blooms,	from \$ 2.50 to \$10.00
Wreath " "	2.00 to 10.00
Pillow " "	3.50 to 15.00
Gates Ajar " "	10.00 up.

Raffia Weaving and Basket Making

Interesting. Pleasant. Profitable.* Easily Learned.

No end to the useful and beautiful things which are made from Raffia: For many years Raffia has been known and used, on account of its toughness, as a valuable tying material. It is now also used in large quantities for making hats, baskets, mats, pillows, etc., in endless variety. Raffia Weaving is easily learned and is a very interesting pastime during winter or summer, and especially so for ladies and children. It may be made a source of quite a little income as well. Many a winter evening may be pleasantly spent at it. It requires no special tools. We supply books of instruction at small cost—see those offered on this page. Anyone may become expert in Raffia Weaving in a short time by following the instructions in the book.

RAFFIA PRICES—Plain, uncolored, Bunch, (about 2 ozs.), 10c.; $\frac{1}{4}$ -lb., 15c.; 1b., 40c., postpaid. By Express, charges not prepaid, 1b., 25c.; 10 lbs., \$2.00. Colored—Red, Orange, Navy Blue, Olive Green, Pink, Brown, Black, Yellow, etc., per bunch, (about 1 $\frac{1}{2}$ oz.) 10c.; $\frac{1}{4}$ -lb., 25c.; 1b., 75c., postpaid.

Rattan Reeds These are used with Raffia or alone in basket-making. Sizes Nos. 1 to 6, per coil, (about 1 oz.), 10c.; dozen, coils, \$1.00. Samples showing sizes, free. Ask for price of Reeds by the pound.

RAFFIA NEEDLES—Doz., 10c.; 3 doz., 25c.

Special Offer To give all a chance to try this most fascinating of all fancy work we have made up the following outfit all ready to go to work, for \$1.00, postpaid: 1 bunch Natural Raffia, 1 bunch Colored Raffia (your choice of color), 1 coil Reed, 1 envelope of Needles, Book on Basket Making, 1 Indian Basket, started.

“**BASKET MAKING**”—A book of 32 pages illustrating 106 working designs. It tells in plain, simple language how to make beautiful baskets, etc., from Raffia and Reeds. Price, 25c., postpaid.

“**HOW TO MAKE BASKETS**”—This book goes into all necessary detail of Basket Making, and has numerous illustrations. Price, \$1.00, postpaid.



Livingston's

SPECIAL MIXED SINGLE EARLY
TULIPS.

DOZ.

20¢

100

\$1.25
POSTPAID

THE
Livingston Seed Co.,
COLUMBUS, OHIO.

Autumn Catalogue

1904